DAILY RAINFALL 1921 1930

NORTHUMBERLAND

ACKLINGTON BROOMHILL COLLIERY	1921	1930
ALLENHEADS	1921	1930
ALNMOUTH NETHER GRANGE	1922-23, 1925-	1930
ALNWICK CASTLE	1921	1922
ASHINGTON BOTHAL SCHOOL	1925	1930
BARDON MILL ALLANS GREEN	1921	1922
BEAL LOWLYNN	1921	1922
BELFORD NEWLANDS	1929	1930
BELLINGHAM HIGH GREEN MAN	1921	1930
BERWICK ON TWEED RAMPARTS	1924	1930
BLYTH MUNICIPAL BUILDINGS	1925	1927
COLT CRAG RES NEWCASTLE	1926	1930
CORBRIDGE HOWDEN DENE	1921	1930
DODDINGTON VICARAGE	1921	1925
FALSTONE RECTORY	1921	1930
FONTBURN RES	1921	1930
GLANTON PYKE GDNS	1921	1930
HALLINGTON RES NEWCASTLE W.W.	1926	1930
HEXHAM BEAUFRONT CASTLE	1921	1930
HEXHAM CAUSEY HILL	1929	1930
HOWICK HALL GRDNS	1921	1930
ILDERTON LILBURN TOWER	1921	1930
ILDERTON LILBURN TOWER GRDNS	1921	1930
KIRKNEWTON SOUTHERNKNOWE	1922	1923
KIRKNEWTON COLDBURN	1924	1930
KIRKWHELPINGTON	1929	1930
LONG FRAMLINGTON EMBLETON HALL	1925-26, 1928-	1930
LONG HORSLEY GHYLLHEUGH	1925-26, 1928-	1929
MORPETH BOTHALHAUGH LAWN	1921	1922
" BOTHALHAUGH GARDENS	1921	1922
" COCKLE PARK	1921	1930
" MORPETH	1929	1930
NEWCASTLE	1922	
NEWCASTLE LEAZES PARK	1921	1930
NEWCASTLE LITERARY PHILOSOPHICAL SOC	1921	1927
NEWCASTLE TOWN MOOR	1921	1930
NEWCASTLE WELLBURN JESMOND	1924	1930
REDEWATER CATCLEUGH	1926	1930
ROTHBURY BRINKBURN PRIORY	1923	1930
ROTHBURY CRAGSIDE	1921	1925

3327

ACKLINGTON
(BROOMHILL COLLIERY)
NORTHUMBERLAND.
1921 - 1930

FORM A. 1. METEOROLO ORGANIZATION.

RE .921.

Kept at Broom
in the County of Nor
by

Long
9.0 am
tion Broomhill
of Rain Gauge 5 in.
ge above Ground 7 ft. 6 in.
,, Sea Level 92.14 ft.

IMPORTANT NOTE. sult entered to the previous day.

If an Observer prefers not requested to add the reading at 9 a.m. on 1st or it at the end of this paragraph. Full instruc ing of rain gauges, and particulars as to the B Rainfall Observers," sent post-free on applicatio ation, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·00	·00	·01	·00				·00	·22	·00	·00	·00	1
2	·42	·00	·00	·00				·00	·00	·00	·12	·00	2
3	·09	·00	·00	·00				·00	·00	·13	·13	·00	3
4	·07	·00	·21	·00				·00	·00	·02	·00	·12	4
5	·00	·00	·14	·00				·00	·00	·00	·67	·12	5
6	·00	·06	·03	·00				·00	·00	·05	·02	·00	6
7	·00	·10	·01	·00				·00	·00	·00	·00	·01	7
8	·00	·00	·00					·00	·00	·00	·00	·00	8
9	·03	·00	·00					·00	·08	·00	·00	·00	9
10	·71	·00	·00					·00	·08	·01	·00	·00	10
11	·08	·00	·00					·00	·00	·00	·06	·00	11
12	1·08	·00	·00					·00	·02	·00	·00	·00	12
13	·00	·00	·00					·00	·77	·02	·00	·00	13
14	·00	·00	·00					·00	·01	·00	·00	·01	14
15	·00	·00	·03					·00	·00	·00	·00	·03	15
16	·05	·00	·01					·01	·00	·00	·04	·00	16
17	·08	·00	·00					·01	·00	·00	·06	·00	17
18	·00	·00	·00					·01	·00	·00	·50	·12	18
19	·00	·00	·01					·00	·03	·12	·01	·03	19
20	·00	·00	·00					·00	·00	·00	·12	00	20
21	·00	·00	·00				·01	·36	·01	·68	·15	·00	21
22	·00	·00	·00				·00	·37	·00	1·85	·11	·00	22
23	·33	·01	·00				·00	·01	·00	·00	·00	·00	23
24	·87	·00	·01				·00	·00	·00	·02	·00	·12	24
25	·07	·00	·19				·00	·00	·00	·00	·00	·11	25
26	·00	·00	·09				·00	·10	·00	·00	·00	·14	26
27	·04	·00	·07				·00	·18	·00	·00	·00	·14	27
28	·00	·00	·06				·00	·20	·00	·00	·05	·05	28
29	·00	·00	·00				·00	·80	·03	·03	·01	·03	29
30	·00		·00				·00	·00	·00	·00	·00	·00	30
31	·31		·00				·00	·30		·02		·00	31
TOTAL	4·23	·17	·87				~~·01~~	2·35	1·25	2·95	2·05	1·03	YEAR'S TOTAL
Days with ·01 in. or more	14	3	13				1	11	9	11	14	13	
Days with ·04 in. or more	13	2	6					7	4	5	11	8	

Miners' Strike
No Record Kept

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3327

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921.

Kept at Broomhill Colliery
in the County of Northumberland
by

Lat. Long.
Time of Observation 9.0 am
Nearest Railway Station Broomhill
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 7 ft. 6 in.
" " " " Sea Level 92.14 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·00	·00	·01	·00				·00	·22	·00	·00	·00	1
2	·42	·00	·00	·00				·00	·00	·00	·12	·00	2
3	·09	·00	·00	·00				·00	·00	·13	·13	·00	3
4	·07	·00	·21	·00				·00	·00	·02	·00	·12	4
5	·00	·00	·14	·00				·00	·00	·00	·67	·12	5
6	·00	·06	·03	·00				·00	·00	·05	·02	·00	6
7	·00	·10	·01	·00				·00	·00	·00	·00	·01	7
8	·00	·00	·00					·00	·00	·00	·00	·00	8
9	·03	·00	·00					·00	·08	·00	·00	·00	9
10	·71	·00	·00					·00	·08	·01	·00	·00	10
11	·08	·00	·00					·00	·00	·00	·06	·00	11
12	1·08	·00	·00					·00	·02	·00	·00	·00	12
13	·00	·00	·00					·00	·77	·02	·00	·00	13
14	·00	·00	·00					·00	·01	·00	·00	·01	14
15	·00	·00	·03					·00	·00	·00	·00	·03	15
16	·05	·00	·01					·01	·00	·00	·04	·00	16
17	·08	·00	·00					·01	·00	·00	·06	·00	17
18	·00	·00	·00					·01	·00	·00	·50	·12	18
19	·00	·00	·01					·00	·03	·12	·01	·03	19
20	·00	·00	·00					·00	·00	·00	·12	·00	20
21	·00	·00	·00				·01	·36	·01	·68	·15	·00	21
22	·00	·00	·00				·00	·37	·00	1·85	·11	·00	22
23	·33	·01	·00				·00	·01	·00	·00	·00	·00	23
24	·87	·00	·01				·00	·00	·00	·02	·00	·12	24
25	·07	·00	·19				·00	·00	·00	·00	·00	·11	25
26	·00	·00	·09				·00	·10	·00	·00	·00	·14	26
27	·04	·00	·07				·00	·18	·00	·00	·00	·14	27
28	·00	·00	·06				·00	·20	·00	·00	·05	·05	28
29	·00	·00	·00				·00	·80	·03	·03	·01	·03	29
30	·00		·00				·00	·00	·00	·00	·00	·00	30
31	·31		·00				·00	·30		·02		·00	31
TOTAL	4·23	·17	·87				~~·01~~	2·35	1·25	2·95	2·05	1·03	YEAR'S TOTAL
Days with ·01 in. or more	14	3	13				1	11	9	11	14	13	
Days with ·04 in. or more	13	2	6					7	4	5	11	8	

Miners' Strike No Record Kept

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Broomhill Colliery

in the County of Northumberland

by ~~A. M. Morison (Manager)~~

Lat. ______ Long. ______

Time of Observation 9.0 am.

Nearest Railway Station Broomhill

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 7 ft. 6 in.

" " " " Sea Level 92·14 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·00	·06	·00		·00	·00	·04	·01	·46	·00	·00	·00	1
2	·00	·53	·05		·01	·00	·03	·00	·02	·04	·00	·00	2
3	·03	·52	·07		·12	·00	·00	·00	·00	·34	·06	·00	3
4	·15	·01	·26		·36	·00	·00	·00	·00	·00	·00	·00	4
5	·00	·00	·36		·01	·00	1·23	·00	·00	·42	·54	·01	5
6	·16	·00	·01		·00	·00	1·18	·00	·00	·00	·11	·00	6
7	·05	·00	·02		·00	·00	·00	·64	·00	·00	·00	·11	7
8	·04	·00	·02		·00	·00	·04	·34	·00	·00	·00	·00	8
9	·00	·00	·22		·00	·01	·07	·00	·07	·04	·02	·00	9
10	·00	·00	·00		·00	·00	00	·00	·00	·08	·04	·01	10
11	·00	·00	·00	No Record Kept (1·00)	·00	·00	·02	·00	·00	·02	·00	·00	11
12	·00	·00	·00		·00	·48	·07	·11	·03	·00	·00	·00	12
13	·03	·00	·00		·00	·36	·14	·00	·05	·00	·00	·04	13
14	·17	·00	·00		·00	·00	·07	·00	·00	·00	·00	·00	14
15	·24	·03	·00		·13	·00	·48	·04	·03	·00	·00	·00	15
16	·16	·03	·01		·22	·00	·00	·03	·08	·01	·00	·36	16
17	·02	·35	·00		·00	·00	·00	·00	·09	·00	·00	16	17
18	·04	·00	·00		·00	·00	00	·00	·03	·00	·00	00	18
19	·06	·06	·03		00	·06	00	·00	·06	·01	·00	·00	19
20	·04	·06	·04		·00	·00	00	·12	·23	·00	·00	·83	20
21	·05	·00	·04		·01	·00	·04	·12	·36	·00	·00	·03	21
22	·00	·12	·02	·36	·03	·46	·00	07	·00	·13	·00	·00	22
23	·00	·00	·01	·26	·03	·01	·00	·00	·00	·08	·00	·00	23
24	·01	·07	·32	·00	·00	·03	·00	08	·00	·11	00	·00	24
25	·35	·02	·24	·09	·00	·34	·00	·00	·06	·07	·00	·06	25
26	·10	·04	·09	·26	·00	·00	·12	·00	·45	·13	·08	·02	26
27	·15	·16	·25	·01	·00	·03	·00	·00	·03	·02	·07	·01	27
28	·01	·00	·11	·00	00	·00	·08	·13	·65	·20	·00	·23	28
29	·06	X	(·25)	·00	00	·07	·34	·00	·00	·15	·01	·85	29
30	·00	X		·00	00	·00	·09	·04	·15	·11	·01	·37	30
31	·02	X		X	·00	X	·02	·00	X	·01	X	·00	31
TOTAL	1·94	2·06	(2·43)	(1·98)	·92	~~·82~~ 1·85	4·06	1·73	2·79	1·97	·94	~~3·19~~ 3·09	YEAR'S TOTAL. (25·76)
Days with ·01 in. or more	21	14	(23)	—	9	10	17	12	17	18	9	14	—
Days with ·04 in. or more	15	10	(14)	—	4	6	14	10	11	13	6	9	—

9071

BROOMHILL COLLIERIES,
LIMITED.

TELEPHONES { NO. 155. CITY.
NO. 2193. CENTRAL.

ALL LETTERS TO BE ADDRESSED
TO THE COMPANY.

Broomhill Colliery,
North Broomhill
~~*Acklington,*~~
Morpeth,
Northumberland,

No 75/22

7th June, 1923

.... ENCL.

8 JUN 1923

Superintendant,
British Rainfall Organization,
Exhibition Road,
South Kensington, S.W.7

Dear Sir,

RAINFALL.

Reference yours, No.404038/23.M.O.7., dated 6th inst., with estimates of rain fall from March 29th to April 21st, I agree with with your estimate.

Noted on letter 8/6/23 [illegible]

~~H~~ / 1088. cmd

3458

4 JAN 1924

FORM 1090

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Broomhill Colliery

in the County of Northumberland

by

Lat. Long.

Time of Observation 9.0 am.

Nearest Railway Station Broomhill.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 7 ft. 6 in.

" " " " Sea Level 92.14 ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office. Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in	in.	in.	in	in.	in.	in	in	
1	.17	.00	.10	.00	.00	.00	.00	.02	.04	.00	.00	.20	1
2	.00	.00	.00	.16	.00	.00	.00	.12	.28	.00	.01	.01	2
3	.00	.00	.23	.00	.00	.18	.00	.00	.02	.18	.39	.13	3
4	.00	.04	.00	.00	.00	.00	.00	.00	.03	.00	.00	.14	4
5	.00	.00	.45	.00	.06	.00	.00	.04	.00	.09	.04	.25	5
6	.13	.03	.01	.00	.00	.05	.00	.18	.00	.01	.51	.00	6
7	.01	.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7
8	.06	.00	.03	.00	.06	.00	.00	.27	.00	.08	.01	.15	8
9	.00	.00	.10	.00	.16	.00	.00	.00	.00	.00	.11	.02	9
10	.00	.07 ~~.02~~	.00	.50	.18	.01	.33	.00	.00	.17	.00	.05	10
11	.00	.20	.00	.00	.25	.02	.00	.00	.00	.02	.09	.00	11
12	.00	.26	.03	.00	.02	.03	.00	.12	.03	.00	.61	.01	12
13	.00	.10	.00	.00	.19	.01	.00	.00	.03	.07	.04	.00	13
14	.00	.32	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	14
15	.00	.42	.00	.06	.18	.00	.03	.00	.00	.00	.54	.07	15
16	.00	.00	.01	.00	.12	.11	.00	.20	.00	.00	.00	.00	16
17	.00	.03	.00	.00	.00	.04	.00	.15	.34	.00	.00	.01	17
18	.00	.05	.00	.00	.00	.03	.00	.00	.11	.03	.01	.00	18
19	.00	.00	.00	.00	.00	.03	.00	.07	.09	.00	.16	.17	19
20	.00	.04	.00	.00	.00	.00	.00	.00	.12	.07	.18	.02	20
21	.00	.18	.00	.00	.00	.00	.00	.18	.07	.00	.20	.59	21
22	.18	.00	.00	.00	.23	.00	.16	.00	.00	.02	.06	.00	22
23	.18	.04	.00	.00	.04	.00	.00	.20	.00	.04	.19	.21	23
24	.33	.00	.00	.27	.02	.09	.00	.00	.00	.06	.00	.07	24
25	.00	.18	.10	.00	.27	.00	.00	.02	.39	.28	.00	.00	25
26	.00	.54	.00	.00	.03	.00	.08	.05	.00	.08	.00	.30	26
27	.00	.23	.00	.00	.03	.00	.10	.06	.00	.46	.21	.09	27
28	.00	.00	.01	.00	.00	.00	.06	.04	.00	.00	.22	.09	28
29	.50	.00	.06	.00	.03	.00	.30	1.28	.00	.01	.27	.00	29
30	.03	×	.00	.00	.03	.00	.22	.00	.00	.03	.05	.00	30
31	.00	×	.00	×	.01	×	.20	.00	×	.09	×	.24 ~~.00~~	31
TOTAL	1.59	2.85	1.13	.99	1.99	.60	1.48	3.00	1.55	1.79	3.90	2.82	YEAR'S TOTAL 23.69
Days with ·01 in. or more	9	17	11	4	19	11	9	16	12	18	20	20	(166)
Days with ·04 in. or more	7	15	6	4	12	5	8	14	8	12	17	15	123

Form 1090

3274

AIR MINISTRY.
METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.
REGISTER OF RAINFALL IN 1924.

8 JAN 1925

Kept at Broomhill Colliery
in the County of Northumberland
by Engineers Office

Lat. Long.
Time of Observation
Nearest Railway Station Broomhill
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 4 ft. 6 in.
" " " " Sea Level 92·14 ft.

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Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in	
1	0·04	0·00	0·00	0·00	0·00	·46 0·46	0·18	0·10	0·00	0·00	0·00	0·04	NWR 1
2	0·04	0·00	0·00	0·00	0·00	0·00	0·00	0·09	0·00	0·00	0·19	·34 0·34	S.Y. 2
3	0·00	0·00	0·00	0·00	·04 0·04	0·00	·94 0·94	0·00	0·00	0·02	0·00	0·00	C 3
4	0·00	0·00	0·00	0·00	0·00	0·00	0·09	0·01	0·00	0·21	0·00	·70 0·40	A.W.B 4
5	0·00	0·00	0·00	0·00	·24 0·24	0·08	0·23	0·00	0·00	1·88	0·00	0·13	5
6	0·00	0·00	0·00	0·00	0·00	·04 0·04	0·03	0·00	0·03	0·14	0·00	0·00	6
7	0·00	0·00	0·00	0·00	0·36	0·26	0·00	0·00	0·84	0·00	0·00	0·00	7
8	0·00	0·00	0·00	0·00	0·03	0·45	0·00	0·00	0·02	0·00	0·00	·04 0·04	8
9	0·00	0·15	0·00	0·09	0·35	·04 0·04	0·00	0·00	0·16	0·05	0·00	0·00	9
10	0·00	0·11	0·00	0·00	0·25	0·06	0·10	0·00	0·00	0·04	0·00	0·00	10
11	0·16	0·20	0·00	0·00	0·00	0·05	0·08	0·00	0·00	0·00	0·00	0·00	11
12	0·20	0·00	0·00	0·15	0·00	0·01	0·00	0·03	0·00	0·03	0·00	0·00	12
13	·04 0·04	0·00	0·00	0·00	0·12	0·00	0·00	1·14	0·01	0·00	·07 0·04	0·11	13
14	0·00	0·00	0·00	0·00	0·03	0·00	0·00	0·00	0·02	0·02	0·00	0·00	14
15	0·00	0·12	0·00	0·00	0·00	0·03	0·03	0·00	·04 0·04	0·00	0·00	0·21	15
16	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·06	0·01	0·00	0·00	0·03	16
17	·09 0·09	0·00	0·00	0·00	0·00	0·10	0·02	0·64	0·00	0·00	0·08	0·00	17
18	0·46	0·00	0·00	0·00	0·42	0·03	0·25	0·00	0·00	0·00	0·00	0·00	18
19	0·00	0·00	0·00	0·00	0·22	0·00	0·25	0·00	·64 0·64	0·00	0·00	0·00	19
20	0·00	0·00	0·00	0·00	0·09	0·05	0·28	0·21	0·09	0·00	0·00	0·00	20
21	·34 0·34	0·00	0·00	0·00	0·05	0·00	0·08	0·01	·04 0·04	0·00	0·00	0·00	21
22	0·53	0·00	0·33	0·00	0·06	0·00	0·15	0·21	0·34	0·00	0·05	0·00	22
23	0·14	0·00	·24 0·24	0·13	0·05	0·00	(0·05)	0·24	·04 0·04	0·00	0·11	0·04	23
24	0·00	0·04	0·09	0·15	0·06	0·00	0·13	0·04	0·00	0·00	0·00	0·00	24
25	0·00	0·14	0·00	0·16	0·33	0·00	0·01	0·00	0·01	0·00	0·09	0·13	25
26	0·00	0·00	0·00	14 0·14	0·00	0·00	0·01	0·00	0·09	0·52	0·20	·14 0·14	26
27	0·00	0·00	0·00	64 0·64	0·00	0·00	0·04	0·10	0·00	0·04	·24 0·24	0·00	27
28	0·00	0·12	0·00	0·00	0·00	0·00	·49 0·49	0·00	0·01	0·06	0·11	0·00	28
29	0·00	0·00	0·00	0·00	0·01	0·05	·07 0·04	0·06	0·03	0·23	0·00	0·09	29
30	0·00	X	0·00	0·00	0·32	0·00	0·36	0·00	0·01	0·04	0·00	0·06	30
31	0·00	X	0·00	X	3·04	X	0·00	0·00	X	0·00	X	0·04	756 31
TOTAL	2·00	0·88	0·69	1·52	6·13	2·04	4·20	2·94	2·55	3·31	1·14	2·29	YEAR'S TOTAL 29·45
Days with ·01 in. or more	10	4 4	3	4	19	14	22	14 13	18	13	9	14	~~119~~ 150
Days with ·04 in or more	10	4 4	3	4 4	16	11	14 14	11	9	10	9	13	123

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

Section **A** for the entry of Daily Observations. not read daily 1 — — 4/66 E7

FOR OFFICIAL USE.

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

3312

Register of Rainfall in 1925 .

Kept at Broomhill Colliery

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 7 ft. 6 in.

" Ground " Sea Level 92.14 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	0.40	–	0.I0	–	–		0.03	0.50	–	–	0.I5	0.II	1
2	–	–	–	0.33	–	–	–	0.70	–	–	0.I4	0.22	2
3	0.23	–	–	–	–	–	0.0I	0.02	–	0.I5	0.28	–	3
4	–	–	–	–	0.38	–	–	–	–	–	0.03	–	4
5	–	–	–	0.33	0.32	–	–	–	–	–	–	–	5
6	–	0.04	–	0.05	–	–	0.I2	0.23	–	–	–	–	6
7	–	–	–	0.04	0.I2	–	–	0.I0	–	–	0.2I	0.2I	7
8	–	0.II	0.05	–	0.04	–	–	–	–	–	0.I0	–	8
9	–	–	0.04	0.04	–	–	0.I0	0.48	I.25	–	–	0.04	9
10	–	0.20	0.07	–	–	–	–	–	–	–	0.08	–	10
11	–	0.38	0.02	–	–	–	–	–	–	–	–	0.04	11
12	–	0.07	–	–	–	–	–	–	–	0.06	–	–	12
13	–	0.I0	–	0.08	–	–	–	–	0.06	–	–	0.20	13
14	–	0.20	–	–	–	–	–	–	–	–	–	0.I4	14
15	–	0.37	–	0.I0	–	–	–	–	0.I6	–	–	–	15
16	–	0.08	–	0.05	–	–	–	–	–	0.24	–	–	16
17	–	0.28	–	0.09	–	–	–	–	0.05	–	–	0.I3	17
18	–	0.04	–	I.50	–	–	–	–	–	–	–	I.00	18
19	–	0.06	0.24	0.04	–	–	–	–	0.59	0.I5	–	0.I4	19
20	–	–	0.I3	–	–	–	0.34	–	–	0.42	–	0.33	20
21	–	0.08	–	–	–	–	–	0.I6	0.06	–	–	0.28	21
22	–	–	–	–	–	–	–	0.60	0.95	0.30	–	–	22
23	0.02	0.08	–	–	–	–	–	–	0.05	–	–	–	23
24	–	0.23	–	0,03	0.90	–	–	–	–	–	0.I9	–	24
25	–	0.22	0.26	–	–	–	–	0.04	0.58	–	–	–	25
26	–	0.II	–	–	0.I8	–	0.56	–	0.05	6 0.I8	–	–	26
27	–	0.04	–	–	–	–	0.59	–	–	–	0.29	–	27
28	0.08	0.04	–	–	–	–	0.I8	–	–	0.I3	0.36	–	28
29	0.05		–	0.44	–	–	–	0.I0	–	0.I0	–	0.I7	29
30	–	×	–	0.58	–	0.03	0.I8	0.04	–	–	0.05	0.06	30 658
31	–	×	0.I4	×	0.04	×	–	–	×	–	×	0.09	31
TOTAL	0.78	2.73	I.05	3.70	I.98	0.03	2.II	2.97	3.80	I.71	I.88	3.I6	YEAR'S TOTAL 25.90
Days with ·01 in. or more.	~~5~~	~~I9~~	~~9~~	~~I4~~	~~7~~	~~I~~	~~9~~	~~II~~	~~I0~~	~~9~~	~~II~~	~~I5~~	~~130~~
Days with ·04 in, or more.	~~4~~	~~I9~~	~~8~~	~~I3~~	~~7~~	~~–~~	~~7~~	~~I0~~	~~I0~~	~~9~~	~~I0~~	~~I5~~	~~115~~

(Signed) Anderson [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

3312

Kept at Broomhill Colliery
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 7 ft. 6 in.
„ Ground „ Sea Level 92.14 ft.

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Dup

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Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.40	-	0.10	-	-	-	0.03	0.60	-	-	0.15	0.11	1
2	-	-	-	0.33	-	-	-	0.70	-	-	0.14	0.22	2
3	0.23	-	-	-	-	-	0.01	0.02	-	0.15	0.28	-	3
4	-	-	-	-	0.38	-	-	-	-	-	0.03	-	4
5	-	-	-	0.33	0.32	-	-	-	-	-	-	-	5
6	-	0.04	-	0.05	-	-	0.12	0.23	-	-	-	-	6
7	-	-	-	0.04	0.12	-	-	0.10	-	-	0.21	0.21	7
8	-	0.11	0.05	--	0.04	-	-	-	-	-	0.10	-	8
9	-	-	0.04	0.04	-	-	0.10	0.48	1.25	-	-	0.04	9
10	-	0.20	0.07	-	-	-	-	-	-	-	0.08	-	10
11	-	0.38	0.02	-	-	-	-	-	-	-	-	0.04	11
12	-	0.07	-	-	-	-	-	-	-	0.06	-	-	12
13	-	0.10	-	0.08	-	-	-	-	0.06	-	-	0.20	13
14	-	0.20	-	-	-	-	-	-	-	-	-	0.14	14
15	-	0.37	-	0.10	-	-	-	-	0.16	-	-	-	15
16	-	0.08	-	0.05	-	-	-	-	-	0.24	-	-	16
17	-	0.28	-	0.09	-	-	-	-	0.05	-	-	0.13	17
18	-	0.04	-	1.50	-	-	-	-	-	-	-	1.00	18
19	-	0.06	0.24	0.04	-	-	-	-	0.59	0.15	-	0.14	19
20	-	-	0.13	-	-	-	0.34	-	-	0.42	-	0.33	20
21	-	0.08	-	-	-	-	-	0.16	0.06	-	-	0.28	21
22	-	-	-	-	-	-	-	0.60	0.95	0.30	-	-	22
23	0.02	0.08	-	-	-	-	-	-	0.05	-	-	-	23
24	-	0.23	-	0.03	0.90	-	-	-	-	-	0.19	-	24
25	-	0.22	0.26	-	-	-	-	0.04	0.58	-	-	-	25
26	-	0.11	-	-	0.18	-	0.56	-	0.05	0.16	-	-	26
27	-	0.04	-	-	-	-	0.59	-	-	-	0.29	-	27
28	0.08	0.04	-	-	-	-	0.18	-	-	0.13	0.36	-	28
29	0.05		-	0.44	-	-	-	0.10	-	0.10	-	0.17	29
30	-	X	-	0.58	-	0.03	0.18	0.04	-	-	0.05	0.06	30
31	-	X	0.14	X	0.04	X	-	-	X	-	X	0.09	31
TOTAL	0.78	2.73	1.05	3.70	1.98	0.03	2.11	2.97	3.80	1.71	1.88	3.16	YEAR'S TOTAL
Days with ·01 in. or more.	5	19	9	14	7	1	9	11	10	9	11	15	25.9
Days with ·04 in. or more.	4	19	8	13	7	-	7	10	10	9	10	15	

(Signed) A. Atkinson

[P.T.O.

✓ ✓ ✓

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1926.

3312

Kept at Broomhill Colliery.
in the County of Northumberland

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 7 ft. 6 in.
" Ground " Sea Level 92.14 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.06	1
2	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	2
3	0.47	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	4
5	0.00	0.55	0.00	0.00	0.00	0.00	0.06	0.37	0.00	0.00	0.00	0.15	5
6	0.23	0.48	0.00	0.00	0.00	0.00	0.56	0.15	0.00	0.00	0.00	0.00	6
7	0.02	0.27	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	7
8	0.00	0.17	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	8
9	0.00	0.08	0.10	0.00	0.38	0.72	0.18	0.00	0.00	0.49	0.00	0.00	9
10	0.00	0.07	0.00	0.00	0.00	0.44	0.00	0.32	0.00	0.00	0.24	0.00	10
11	0.00	0.03	0.00	0.00	0.04	0.16	0.00	0.09	0.00	0.00	0.00	0.00	11
12	0.00	0.00	0.00	0.00	0.06	0.12	0.00	0.00	0.50	0.49	0.02	0.00	12
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.17	0.00	0.06	13
14	0.15	0.19	0.00	0.12	0.00	0.22	0.00	0.00	0.26	0.00	0.05	0.07	14
15	0.00	0.03	0.00	0.04	0.00	0.39	0.00	0.33	0.00	0.00	0.00	0.00	15
16	0.00	0.04	0.00	0.00	0.00	0.20	0.00	0.08	0.00	0.00	0.26	0.00	16
17	0.30	0.00	0.04	0.14	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	17
18	0.25	0.00	0.00	0.00	0.00	0.00	1.46	0.27	0.00	0.00	0.55	0.00	18
19	0.00	0.14	0.05	0.14	0.44	0.04	1.22	0.02	0.75	0.00	0.00	0.00	19
20	0.00	0.00	0.00	0.13	0.00	0.00	0.03	0.20	0.40	0.00	0.00	0.00	20
21	0.00	0.13	0.08	0.00	0.16	0.00	0.00	0.00	0.00	0.51	0.08	0.10	21
22	0.00	0.02	0.04	0.04	0.00	0.17	0.00	0.00	0.00	0.06	0.33	0.00	22
23	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.15	0.00	0.00	0.18	0.00	23
24	0.04	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.70	0.00	0.00	24
25	0.00	0.00	0.00	0.75	0.02	0.00	0.00	0.00	0.00	0.04	0.33	0.00	25
26	0.00	0.15	0.00	0.08	0.68	0.00	0.00	0.00	0.63	0.00	0.08	0.00	26
27	0.00	0.00	0.00	0.08	0.00	0.06	0.13	0.00	0.00	0.00	0.08	0.02	27
28	0.35	0.04	0.05	0.12	0.16	0.00	0.18	0.00	0.00	0.42	0.20	0.00	28
29	0.13		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.29	0.00	29
30	0.00	X	0.00	0.00	0.12	0.00	0.00	0.00	0.08	0.00	0.00	0.00	30
31	0.16	X	0.00	X	0.00	X	0.00	0.00	X	0.00	X	0.00	31
TOTAL	2.10 ✓	2.61 ✓	0.50 ✓	1.70 ✓	2.06 ✓	2.61 ✓	4.44 ✓	1.98 ✓	2.67 ✓	3.23 ✓	3.67 ✓	0.46 ✓	YEAR'S TOTAL 28.03 ✓
Days with ·01 in. or more.	10 ✓	17 ✓	7 ✓	11 ✓	9 ✓	11 ✓	10 ✓	10	7 ✓	10 ✓	17 ✓	6 ✓	125 ✓
Days with ·04 in. or more.	9 ✓	13 ✓	7 ✓	11 ✓	8 ✓	11 ✓	9 ✓	9	7 ✓	10 ✓	16 ✓	5 ✓	115 ✓

Please read the Notes and Instructions Overleaf.

(Signed) A. M. [illegible] [P.T.O.

(144ws)

3298

Section A for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

Kept at Broomhill Colliery

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Diameter of Funnel of Gauge 5 in.

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Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.00	0.00	0.00	0.00	0.00	0.13	0.03	0.00	0.00	0.00	0.00	0.00	1
2	0.00	0.00	0.30	0.22	0.22	0.00	0.00	0.00	0.00	0.13	0.00	0.00	2
3	0.00	0.00	0.08	0.00	0.04	0.00	0.06	0.00	0.00	0.00	0.11	0.00	3
4	0.06	0.00	0.00	0.30	0.54	0.00	0.13	0.00	0.00	0.00	0.00	0.00	4
5	0.02	0.00	0.37	0.02	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	5
6	0.00	0.17	0.00	0.00	0.00	0.47	0.03	0.00	0.00	0.00	0.16	0.00	6
7	0.00	0.10	0.22	0.16	0.00	0.10	0.50	0.00	0.00	0.00	0.59	0.00	7
8	0.23	0.00	0.00	0.00	0.00	0.17	0.00	0.39	0.00	0.00	0.00	0.06	8
9	0.00	0.00	0.06	0.20	0.00	0.00	0.00	1.16	0.00	0.00	0.30	0.00	9
10	0.00	0.00	0.11	0.05	0.00	0.00	0.00	0.04	0.00	0.00	0.14	0.00	10
11	0.00	0.00	0.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.05	11
12	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	12
13	0.06	0.00	0.02	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.04	0.00	13
14	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.28	0.00	0.32	0.11	0.16	14
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.03	0.07	0.00	15
16	0.00	0.00	0.00	0.00	0.16	0.17	0.00	0.00	0.00	0.00	0.06	0.00	16
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.23	0.00	0.00	17
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.27	18
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.20	19
20	0.15	0.04	0.00	0.00	0.00	0.17	0.00	0.00	0.05	0.00	0.00	0.00	20
21	0.00	0.04	0.02	0.00	0.00	0.00	0.40	0.00	1.03	0.00	0.18	0.40	21
22	0.00	0.10	0.19	0.00	0.00	0.09	0.05	0.50	0.97	0.10	0.00	0.00	22
23	0.00	0.00	0.09	0.00	0.30	0.36	0.06	0.00	0.68	0.00	0.00	0.88	23
24	0.02	0.00	0.13	0.12	0.11	0.15	0.00	0.52	0.00	0.10	0.00	0.09	24
25	0.02	0.09	0.00	0.46	0.00	0.65	0.02	0.00	0.04	0.09	0.00	0.08	25
26	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.07	0.00	0.00	0.30	26
27	0.14	0.07	0.00	0.00	0.00	0.04	0.00	0.00	0.26	0.10	0.00	0.00	27
28	0.24	0.23	0.00	0.00	0.00	0.08	0.14	0.00	0.13	0.14	0.00	0.00	28
29	0.00		0.10	0.00	0.00	0.01	0.00	0.12	0.00	0.00	0.00	0.00	29
30	0.09	X	0.00	0.00	0.00	0.64	0.04	0.00	0.00	0.00	0.00	0.00	30
31	0.00	X	0.00	X	D.03	X	0.00	0.00	X	0.00	X	0.00	31
TOTAL	1.03	.84	1.75	1.60	1.93	3.23	2.28	3.31	3.51	1.24	2.45	2.49	YEAR'S TOTAL 25.66
Days with ·01 in. or more.	10	8	13	10	9	14	13	9	10	9	12	10	~~127~~
Days with ·04 in. or more.	7	8	11	8	8	13	10	9	10	8	12	10	114

Prin wit'd

40-12-1-27
144w)

(Signed) A. M. Morrison [P.T.O.

3380

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Broomhill Colliery

in the County of Northumberland

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. in.

" Ground " Sea Level 92.14 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.00	0.00	0.27	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.05	0.00	1
2	0.00	0.10	0.24	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	2
3	0.43	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.27	0.00	0.20	0.00	3
4	0.03	0.00	0.20	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	4
5	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.43	0.00	0.00	5
6	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6
7	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.20	0.00	0.00	7
8	0.00	0.00	0.12	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	8
9	0.00	0.00	0.03	0.00	0.00	0.18	0.00	0.00	0.00	0.10	0.00	0.00	9
10	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	10
11	0.00	0.08	0.03	0.00	0.00	0.02	0.00	0.48	0.00	0.78	0.29	0.36	11
12	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	12
13	0.00	0.10	0.00	0.00	0.08	1.09	0.00	0.06	0.00	0.00	0.00	0.00	13
14	0.14	0.00	0.10	0.00	0.00	0.38	0.00	0.00	0.00	0.11	0.18	0.06	14
15	0.02	0.10	0.00	0.00	0.28	0.18	0.00	0.00	0.00	0.00	0.00	0.00	15
16	0.00	0.07	0.00	0.16	0.00	0.00	0.00	0.06	0.00	0.00	0.54	0.80	16
17	0.00	0.00	0.00	0.00	0.20	0.09	0.00	0.00	0.00	0.00	0.00	0.00	17
18	0.70	0.00	0.00	0.16	0.08	0.11	0.00	0.00	0.00	0.25	0.00	0.00	18
19	0.00	0.00	0.00	0.33	0.22	0.57	0.00	0.00	0.00	0.03	0.20	0.00	19
20	0.00	0.00	0.24	0.23	0.00	0.00	0.00	1.36	0.00	0.00	0.20	0.00	20
21	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.04	0.18	0.00	21
22	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	22
23	0.29	0.00	0.00	0.00	0.00	0.00	0.20	0.16	0.00	0.00	0.62	0.00	23
24	0.00	0.00	0.27	0.00	0.00	0.24	0.00	0.12	0.30	0.00	0.00	0.00	24
25	0.17	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.14	0.14	0.00	0.33	25
26	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.26	0.00	0.20	0.00	0.00	26
27	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27
28	0.00	0.00	0.00	0.00	0.10	0.06	0.00	0.00	0.00	0.00	0.00	0.21	28
29	0.00	0.07	0.42	0.00	0.00	0.09	0.00	0.19	0.04	0.00	0.16	0.00	29
30	0.00	×	0.00	0.15	0.00	0.04	0.00	0.00	0.00	0.00	0.00	1.05	30
31	0.16	×	0.00	×	0.00	×	0.00	0.00	×	0.32	×	0.00	31
TOTAL	2.06	0.67	2.32	1.46	1.14	4.13	1.10	3.09	0.91	2.60	3.00	2.81	YEAR'S TOTAL 25.29
Days with ·01 in. or more.	9	7	12	7	7	17	4	9	6	11	11	6	—
Days with ·04 in. or more.	7	7	10	7	7	17	4	9	6	11	11	6	—

40-9999

(Signed)

[P.T.O.

~~This~~ records would appear to be 6" high on year, but as we have no records that we can get a good comparison I suggest we write and ask observer to test his gauge for leaks.

Alnmouth 23.96
Embleton Hall 26.96

31-63

ns. FOR OFFICIAL USE.

GICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

RAINFALL IN 1929.

in.
ft.

July 1 high
Sep 1/4 –
Dec 1 –
Year 5 –

Letter re leaky gauge encl 4A 816940/28.

Obsr confirms that gauge was leaky.
Gauge mended VII/30.

EDITED TO THE PREVIOUS DAY.

rt the reading made on January 1st of the following

Jan. 1, following.

ructions Overleaf.

						June	July	August	Sept.	Oct.	Nov.	Dec.	Date
						in.	in.	in.	in.	in.	in.	in.	
						.34	0.52	0.20	0.20	0.I8	0.00	0.00	I
						.00	0.00	0.00	0.00	0.22	0.00	0.30	2
3						.00	0.03	0.00	0.00	0.00	0.00	0.I0	3
4	0.08	0.00	0.00	0.28	0.00	0.I5	0.67	I.00	0.00	0.00	0000	0.00	4
5	0.00	0.00	0.00	0.00	0.20	0.00	0.63	0.20	0.00	0.49	0.00	0.00	5
6	0.22	0.00	0.00	0.00	0.25	0.78	0.I3	0.53	0.00	0.00	0.00	0.50	6
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.I6	0.00	7
8	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.25	0.00	0.2I	8
9	0.42	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	9
I0	0.05	0.00	0.00	0.00	0.05	0.20	0.00	0.I5	0.00	0.00	0.89	0.50	I0
II	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	II
I2	0.00	0.50	0.00	0.00	0.30	0.43	0.00	0.00	0.20	0.00	0.22	0.I2	I2
I3	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.I7	0.00	0.00	0.00	0.00	I3
I4	0.00	0.0I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	m0.00	0.00	I4
I5	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	I5
I6	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.20	0.00	0.00	0.00	0.00	I6
I7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	I.I3	0.00	I7
I8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	I8
I9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	I9
20	0.00	0.00	0.I2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	20
2I	0.00	0.00	0.00	0.00	0.00	0.2I	0.03	0.00	0.00	0.00	0.00	0.00	2I
22	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.32	22
23	0.02	0.00	0.00	0.I6	0.00	0.03	0.00	0.00	0.00	0.50	0.00	0.7I	23
24	0.34	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.0I	0.23	0.00	24
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	I.03	25
26	0.00	0.00	0.00	0.I0	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	26
27	0.60	0.00	0.00	0.00	0.00	0.00	0.00	I.03	0.00	0.00	0.00	0.00	27
28	0.03	0.00	0.00	0.80	0.00	0.00	0.20	0.00	0.72	0.34	035	0.89	28
29	0.26		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.I6	0.00	0.00	29
30	0.00	X	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.I4	0.70	0.00	30
3I	0.08	X	0.00	X	0.00	X	0.87	0.00	X	0.00	X	0.00	3I
TOTAL	2.45	I.I5	0.I2	I.49	I.6I	2.22	4.06	3.48	I.I2	2.73	5.II	5.08	YEAR'S TOTAL 30.62
Days with ·01 in. or more.	~~II~~	~~5~~	~~I~~	~~5~~	~~7~~	~~8~~	~~II~~	~~8~~	~~3~~	~~I0~~	~~II~~	~~II~~	~~91~~
Days with ·04 in. or more.	~~9~~	~~4~~	~~I~~	~~5~~	~~7~~	~~7~~	~~9~~	~~8~~	~~3~~	~~9~~	~~II~~	~~II~~	~~84~~

40-9999

(Signed) A. Anderson

P.T.O.

3163

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Broomhill Colliery.

in the County of Northumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 12 in.

,, Ground ,, Sea Level 92.14 ft.

July 1 Sept –
Sep 14 –
Dec 1 –
Year 5 –

letter re leaky gauge encl
4A Ab 816940/28.

Obsr confirms that gauge was leaky.
Gauge mended VII/30.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.00	0.26	0.00	0.15	0.00	0.34	0.52	0.20	0.20	0.18	0.00	0.00	1
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.30	2
3	0.00	0.00	0.00	0.00	0.14	0.00	0.03	0.00	0.00	0.00	0.00	0.10	3
4	0.08	0.00	0.00	0.28	0.00	0.15	0.67	1.00	0.00	0.00	0000	0.00	4
5	0.00	0.00	0.00	0.00	0.20	0.00	0.63	0.20	0.00	0.49	0.00	0.00	5
6	0.22	0.00	0.00	0.00	0.25	0.78	0.13	0.53	0.00	0.00	0.00	0.50	6
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.16	0.00	7
8	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.25	0.00	0.21	8
9	0.42	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	9
10	0.05	0.00	0.00	0.00	0.05	0.20	0.00	0.15	0.00	0.00	0.89	0.50	10
11	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	11
12	0.00	0.50	0.00	0.00	0.30	0.43	0.00	0.00	0.20	0.00	0.22	0.12	12
13	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	13
14	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	m0.00	0.00	14
15	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15
16	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.20	0.00	0.00	0.00	0.00	16
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.13	0.00	17
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	18
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	19
20	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	20
21	0.00	0.00	0.00	0.00	0.00	0.21	0.03	0.00	0.00	0.00	0.00	0.00	21
22	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.32	22
23	0.02	0.00	0.00	0.16	0.00	0.03	0.00	0.00	0.00	0.50	0.00	0.71	23
24	0.34	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.01	0.23	0.00	24
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	1.03	25
26	0.00	0.00	0.00	0.10	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	26
27	0.60	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.00	0.00	27
28	0.03	0.00	0.00	0.80	0.00	0.00	0.20	0.00	0.72	0.34	035	0.89	28
29	0.26		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	29
30	0.00	×	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.14	0.70	0.00	30
31	0.08	×	0.00	×	0.00	×	0.87	0.00	×	0.00	×	0.00	31
TOTAL	2.45	1.15	0.12	1.49	1.61	2.22	4.06	3.48	1.12	2.73	5.11	5.08	YEAR'S TOTAL 30.62
Days with ·01 in. or more.	11	5	1	5	7	8	11	8	3	10	11	11	91
Days with ·04 in. or more.	9	4	1	5	7	7	9	8	3	9	11	11	84

[illegible]

40-9999

(Signed) Atkinson

P.T.O.

3533

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Broomhill Colliery.
in the County of Northumberland.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground I ft - in.
,, Ground ,, Sea Level 92.I4 ft.

1929 [illegible] with?
8/16840/28

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.22	0.42	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.00	1
2	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	I.34	0.00	2
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.I7	0.00	0.2I	0.00	0.00	3
4	0.00	0.00	0.00	0.06	0.00	0.00	0.75	0.00	0.03	0.I5	0.00	0.00	4
5	0.00	0.00	0.I0	0.00	0.00	0.00	0.00	0.I5	0.00	0.00	0.00	0.00	5
6	0.00	0.00	0.00	0.I8	0.00	0.00	0.00	0.2I	0.00	0.05	0.00	0.00	6
7	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.I6	0.00	0.27	7
8	0.00	0.00	0.00	0.00	0.2I	0.00	0.00	0.00	0.00	0.53	0.00	0.00	8
9	0.I5	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	9
10	0.00	0.00	0.00	0.00	0.30	0.00	0.08	0.03	0.I3	0.00	0.00	0.00	10
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	11
12	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.I5	0.I2	0.00	0.00	12
13	0.35	0.00	0.03	0.II	0.25	0.00	0.I7	0.35	0.00	0.00	0.00	0.00	13
14	0.39	0.00	0.00	0.00	0.I6	0.00	0.05	0.25	0.37	0.00	0.I9	0.47	14
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	15
16	0.00	0.00	I.I3	0.00	0.00	0.00	0.25	0.00	0.00	0.II	0.00	0.00	16
17	0.I4	0.00	0.I6	0.00	0.20	0.05	0.08	0.00	0.82	0.00	0.00	0.06	17
18	0.00	0.00	0.I6	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	18
19	0.00	0.00	0.08	0.00	0.00	0.00	0.03	0.00	0.00	0.I7	0.02	0.00	19
20	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.I2	0.00	0.37	0.00	20
21	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.23	0.37	0.00	21
22	0.00	0.00	0.00	0.00	0.00	0.25	0.77	0.00	0.00	0.00	0.42	0.00	22
23	0.00	0.00	0.00	0.00	0.03	0.I0	0.33	0.00	0.00	0.05	0.00	0.00	23
24	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.3I	0.00	24
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.I3	0.I2	25
26	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.I3	0.00	0.00	0.38	26
27	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27
28	0.25	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.28	28
29	0.00		0.00	0.00	0.00	0.00	0.4I	I.53	0.04	0.00	0.00	0.32	29
30	0.00	×	0.00	0.00	0.00	0.06	0.00	0.59	0.00	0.00	0.04	0.I0	30
31	0.53	×	0.00	×	0.00	×	0.00	0.00	×	0.08	×	0.00	31
TOTAL	3.06	0.77	I.66	2.II	I.35	0.46	3.89	3.90	2.0I	2.34	3.83	2.53	YEAR'S TOTAL 27.9I
*Days with ·01 in. or more.	~~9~~	~~2~~	~~6~~	~~7~~	~~7~~	~~4~~	~~I3~~	~~I0~~	~~9~~	~~I2~~	~~I0~~	~~9~~	98
*Days with ·04 in. or more.	~~9~~	~~2~~	~~5~~	~~7~~	~~6~~	~~4~~	~~II~~	~~8~~	~~8~~	~~I2~~	~~9~~	~~9~~	90

40-9999

*See Instruction 2 (*f*) on other side.

(Signed)

[P.T.O.

3294

JAN 1922 3559

FORM 1090 METEOROLOGI RGANIZATION.
(formerly B.R.O. Form A.1). REC

ALLENHEADS

NORTHUMBERLAND

1921 - 1930.

Kept at Allenheads, g. gaun.
Wearhead N.E.R.
in the County of North Rain Gauge 8 in.
above Ground 1 ft. – in.
by J. W. Me ,, Sea Level 1353. ft.

IMPORTANT NOTE.—R t entered to the previous day.

If an Observer prefers not to c equested to add the reading at 9 a.m. on 1st Ja it at the end of this paragraph. Full instruction of rain gauges, and particulars as to the Britis nfall Observers," sent post-free on application t on, 62, Camden Square, London, N.W. 1, or to TH Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.36	0.00	0.14	0.00	0.00	0.00	0.00	0.70	0.05	0.00	0.00	0.20	1
2		0.00	0.00	0.00	0.36	0.00	0.00	0.37	0.00		0.18	0.00	2
3	0.10	0.00	0.00		0.00	0.00		0.40	0.00	0.20	0.08	0.12	3
4	0.20	0.00	0.35	0.00	0.13	0.05	0.00	0.04		0.04	0.13		4
5	0.09	0.00	0.19	0.05	0.20		0.00	0.65	0.00	0.00	0.71	0.02	5
6	0.19			0.00	0.18	0.00	0.00	0.40	0.00	0.02		0.52	6
7	0.00	0.00	0.00	0.00	0.22	0.00	0.00		0.00	0.07	0.00	0.00	7
8	1.10	0.00	0.22	0.00		0.18	0.00	0.04	0.00	0.00	0.00	0.18	8
9		0.00	0.00	0.00	0.00	0.05	0.00	0.10	0.12		0.00	0.02	9
10	1.06	0.00	0.00		0.00	0.00		0.68	0.01	0.00	0.00	0.00	10
11	0.25	0.00	0.00	0.00	0.20	0.05	0.00	0.20		0.55	0.00		11
12	1.60	0.00	0.15	0.00	0.00		0.00	0.08	0.14		0.00	0.00	12
13	0.00			0.52	0.00	0.00	0.00	0.09	0.78	0.08		0.00	13
14	0.00	0.00	0.20	0.00	0.02	0.00	0.00		0.12	0.00	0.00	0.00	14
15	0.70	0.06	0.48	0.00		0.00	0.10	0.00	0.04	0.07	0.00	0.08	15
16		0.00	0.16	0.06		0.00	0.50	0.10	0.00		0.23	0.18	16
17	0.84	0.00	0.09		0.00	0.00		0.02	0.00	0.00	0.00	0.24	17
18	0.00	0.00	0.32	0.27	0.00	0.00	0.00	0.00		0.00	0.42		18
19	0.22	0.00	0.15	0.00	0.08		0.00	0.00	0.00	0.10	0.15	0.44	19
20	0.00			0.00	0.00	0.02	0.00	0.30	0.00	0.02		0.68	20
21	0.57	0.00	0.00	0.00	0.00	0.04	0.14		0.00	0.80	0.15	0.94	21
22	0.42	0.00	0.08	0.00		0.00	0.58	0.03	0.00	1.20	0.00	0.33	22
23		0.00	0.05	0.32	0.00	0.00	0.30	0.00	0.05		0.00	0.00	23
24	0.47	0.00	1.16		0.00	0.00		0.00	0.00	0.12	0.00	1.25	24
25	0.37	0.00		0.08	0.00	0.02	0.23	0.00		0.00	0.00		25
26	0.11	0.00		0.08	0.00		0.00	0.15	0.00	0.00	0.00		26
27	0.03			0.00	0.00	0.00	0.17	0.85	0.00	0.00		0.30	27
28	0.10	0.00		0.00	0.26	0.00	0.27		0.00	0.00	0.00	0.18	28
29	0.17	X	0.00	0.00		0.00	0.08	0.65	0.00	0.00	0.00	0.29	29
30		X	0.00	0.00	0.40	0.00	0.07	0.07	0.00		0.00	0.78	30
31	0.08	X	0.00	X	0.00	X		0.05	X	0.74	X	0.00	31
TOTAL	8.97	0.06	3.74	1.38	2.05	0.41	2.44	5.91	1.31	3.95	2.05	6.75	YEAR'S TOTAL 39.02
Days with ·01 in. or more	~~26~~	~~1~~	~~?20~~	~~?9~~	~~?12~~	7	~~?12~~	~~?25~~	8	15	~~?10~~	~~22~~	~~16~~7
Days with ·04 in. or more	~~?24~~	~~1~~	~~?20~~	~~?8~~	~~?11~~	~~?5~~	~~?12~~	~~?22~~	7	~~?12~~	~~?10~~	~~?20~~	~~152~~

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

3294

2 - JAN 1922 3559

FORM 1090 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**
(formerly B.R.O. Form A.1).

REGISTER OF RAINFALL IN 1921

Kept at Allenheads, Allendale S.O.
in the County of Northumberland
by J. W. Metcalfe

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Wearhead N.E.R.
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 1353. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.36	0.00	0.14	0.00	0.00	0.00	0.00	0.70	0.05	0.00	0.00	0.20	1
2		0.00	0.00	0.00	0.36	0.00	0.00	0.37	0.00		0.18	0.00	2
3	0.10	0.00	0.00		0.00	0.00		0.40	0.00	0.20	0.08	0.12	3
4	0.20	0.00	0.35	0.00	0.13	0.05	0.00	0.04		0.04	0.13		4
5	0.09	0.00	0.19	0.05	0.20		0.00	0.65	0.00	0.00	0.71	0.02	5
6	0.19			0.00	0.18	0.00	0.00	0.40	0.00	0.02		0.52	6
7	0.00	0.00	0.00	0.00	0.22	0.00	0.00		0.00	0.07	0.00	0.00	7
8	1.10	0.00	0.22	0.00		0.18	0.00	0.04	0.00	0.00	0.00	0.18	8
9		0.00	0.00	0.00	0.00	0.05	0.00	0.10	0.12		0.00	0.02	9
10	1.06	0.00	0.00		0.00	0.00		0.68	0.01	0.00	0.00	0.00	10
11	0.25	0.00	0.00	0.00	0.20	0.05	0.00	0.20		0.55	0.00		11
12	1.60	0.00	0.15	0.00	0.00		0.00	0.08	0.14		0.00	0.00	12
13	0.00			0.52	0.00	0.00	0.00	0.09	0.78	0.08		0.00	13
14	0.00	0.00	0.20	0.00		0.00	0.00		0.12	0.00	0.00	0.00	14
15	0.70	0.06	0.48	0.00	0.02	0.00	0.10	0.00	0.04	0.07	0.00	0.08	15
16		0.00	0.16	0.06.		0.00	0.50	0.10	0.00		0.23	0.18	16
17	0.84	0.00	0.09		0.00	0.00		0.02	0.00	0.00	0.00	0.24	17
18	0.00	0.00	0.32.	0.27.	0.00	0.00	0.00	0.00		0.00	0.42		18
19	0.22	0.00	0.15	0.00	0.08		0.00	0.00	0.00	0.10	0.15	0.44	19
20	0.00			0.00	0.00	0.02	0.00	0.30	0.00	0.02		0.68	20
21	0.57.	0.00	0.00	0.00	0.00	0.04	0.14		0.00	0.80	0.15	0.94	21
22	0.42	0.00	0.08	0.00		0.00	0.58	0.03	0.00	1.20	0.00	0.33	22
23		0.00	0.05	0.32.	0.00	0.00	0.30	0.00	0.05		0.00	0.00	23
24	0.47	0.00			0.00	0.00		0.00	0.00	0.12	0.00		24
25	0.37	0.00		0.08.	0.00	0.02	0.23	0.00		0.00	0.00.	1.25	25
26	0.11	0.00	1.16	0.08	0.00		0.00	0.15	0.00	0.00	0.00		26
27	0.03.			0.00	0.00	0.00	0.17	0.85	0.00	0.00		0.30	27
28	0.10	0.00		0.00	0.26	0.00	0.27		0.00	0.00	0.00	0.18	28
29	0.17	X	0.00	0.00		0.00	0.08	0.65	0.00	0.00	0.00	0.29	29
30		X	0.00	0.00	0.40	0.00	0.07	0.07	0.00		0.00	0.78	30
31	0.08	X	0.00	X	0.00	X		0.05.	X	0.74	X	0.00	31
TOTAL	8.97	0.06	3.74	1.38	2.05	0.41	2.44	5.91	1.31	3.95	2.05	6.75	YEAR'S TOTAL 39.02
Days with ·01 in. or more	~~26~~	~~1~~	~~?20~~	~~?9~~	~~?12~~	~~7~~	~~?12~~	~~?25~~	~~8~~	~~15~~	~~?10~~	~~22~~	~~167~~
Days with ·04 in. or more	~~?24~~	~~1~~	~~?20~~	~~?8~~	~~?11~~	~~?3~~	~~?12~~	~~?22~~	~~7~~	~~?12~~	~~?10~~	~~?20~~	~~152~~

(65,296). Wt. 21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

3402

3559

FORM 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Allenheads

in *the County of* Northumberland

by J. W. Metcalfe.

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Wearhead NE Rly. 4½ miles

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

" " " " Sea Level 1353 ft. (1353)

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.53	0.13.	0.00	0.00	0.00	0.00	0.45	0.06.	0.50	0.00	0.03	0.00	1
2		0.40	0.01.		0.00	0.00		0.03	0.08	0.02	0.00	0.00	2
3	0.00	0.24	0.09	0.00	0.03.	0.00	0.00	0.00		0.05	0.05		3
4	0.00	0.00	1.22.	0.02	0.15		0.15	0.15	0.00	0.00	0.25	0.01	4
5	0.00			0.00	0.00		1.50	0.35	0.00	0.43		0.23	5
6	0.32	0.00	0.30	0.00	0.07	0.00	1.40		0.00	0.00	0.04	0.05	6
7	0.41	0.00	0.12.	0.12		0.00	0.01		0.00	0.04	0.01.	0.00	7
8		0.00	0.18	0.00	0.00	0.00	0.65	0.73	0.00		0.00	0.00	8
9	0.43	0.00	0.18		0.00	0.10		0.13	0.00	0.03	0.05	0.00	9
10	0.16	0.00	0.03.	0.00	0.00	0.00	0.00	0.00		0.00	0.50		10
11	0.06	0.00		0.00	0.00		0.00	0.00	0.16	0.00	0.00	0.00	11
12	0.00			0.85	0.00	0.18	0.18	0.22 ~~0.00~~	1.22	0.01		0.11	12
13	0.22	0.05	0.00	1.81.	0.00	0.16	0.10			0.00	0.00	0.52	13
14	0.46	0.06	0.00			0.07.	0.04	0.00	0.00	0.00	0.00	0.12	14
15		0.06	0.00		0.00	0.00	(.54 0.64	0.02.	0.00		0.00	0.20.	15
16	0.16	0.13	0.00		0.00	0.00	(.10)	0.28.	0.70	0.00	0.00	0.24	16
17	0.00	0.20	0.00		0.00	0.07.	0.00	0.06		0.00	0.00		17
18	0.42	0.48	0.00	0.00	0.15		0.00	0.00	0.05	0.18	0.00	0.80	18
19	0.24			0.00	0.05	0.00	0.00	0.00	0.15	0.04		0.33	19
20	0.02	0.35	0.21	0.00	0.00	0.00	0.02		0.50	0.15	0.00	0.41	20
21	0.30	0.12	0.11	0.00		0.02	0.03.	0.15	0.95	0.20	0.00	0.75	21
22		0.26	0.04	0.28	0.08	0.20	0.00	0.13	0.00		0.00	0.50	22
23	0.00	0.08	0.00		0.00	0.02		0.00	0.00	0.02	0.00	0.35	23
24	0.32	0.00	0.15	0.14.	0.00	0.32.	0.00	0.23		0.00	0.00		24
25	0.46	0.39.	0.25	0.02.	0.00		0.00	0.00	0.20	0.00	0.00		25
26	0.30			0.48	0.00	0.00	0.00	0.00	0.14	0.07		0.38	26
27	0.70	0.48	0.32.	0.28	0.00	0.30	0.00		0.08	0.04	0.25	0.02	27
28	0.27.	0.43	0.00	0.00		0.02.	0.17.	0.39	0.55	0.40	0.00	0.12	28
29			0.00	0.23	0.00	0.18	0.33	0.00	0.00		0.06	1.00	29
30	0.07	X	0.08		0.00	0.04		0.12	0.20.	0.03	0.20	0.20.	30
31	0.08	X	0.13	X	0.00	X	0.15	0.00	X	0.19.	X		31
TOTAL	5.93	3.86	3.42	4.23	0.53	1.68	5.82	3.05	5.48	1.90	1.44	6.14	YEAR'S TOTAL 43.48
Days with ·01 in. or more													
Days with ·04 in. or more													

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

Ex. 7H

3423
JAN.
3559

AIR MINISTRY.

FORM 1090

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Allenheads
in the County of Northumberland
by J. W. Metcalfe

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Wearhead L.N.E.R.
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 1353 ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.48	0.46	0.12	0.00	0.00	0.00	0.03	0.00	0.06	0.08	0.00	0.45	1
2		0.04	0.00		0.00	0.16	0.00	0.96		0.08	0.82		2
3	0.02	0.15	0.08		0.00		0.00	0.09	0.09	0.28	0.68	0.00	3
4	0.00			0.00	0.00	0.00	0.00	0.17	0.10	0.06		0.18	4
5	0.20	0.00	0.02	0.00	0.00	0.00	0.00		0.00	0.00	0.42	0.16	5
6	0.25	0.48	0.24	0.00		0.10	0.05		0.12	0.38	0.00	0.00	6
7		0.76	0.00	0.00	0.03	0.00		0.00	0.00		0.00	0.47	7
8	0.37	0.05	0.07		0.00	0.00		0.19	0.00	0.30	0.00	0.00	8
9	0.26	0.46	0.00	0.33	0.26	0.15	0.09	0.00		0.21	0.28		9
10	0.00	0.60	0.00	0.30	0.47		0.12	0.00	0.00	0.48	0.28	0.02	10
11	0.00			0.00	0.08	0.00	0.00	0.30	0.03	0.15		0.00	11
12	0.00	0.03	0.00	0.34	0.09	0.07	0.00		0.20	0.05	0.89	0.08	12
13	0.08	0.15	0.00	0.11		0.00	0.00	0.00	0.06	0.15	0.53	0.00	13
14		0.00	0.00	0.05	0.15	0.00	0.02	0.00	0.00		0.03	0.00	14
15	0.00	0.11	0.00		0.13	0.16		0.05	0.10	0.15	0.44	0.24	15
16	0.00	0.12	0.00	0.00	0.36	0.06	0.00	0.32		0.03	0.90		16
17	0.00	0.24	0.00	0.00	0.00		0.08	0.19	0.400	0.00	0.62		17
18	0.00			0.00	0.50	0.00	0.00	0.28	0.05	0.25		0.00	18
19	0.10		0.00	0.00		0.00	0.35		0.30	0.00	0.00	0.00	19
20	0.00		0.00	0.00		0.00	0.02	0.58	0.15	0.36	0.60	0.00	20
21			0.00	0.10		0.00	0.43	0.25	0.02		0.06	0.40	21
22	0.00	0.00	0.00			0.00		0.15	0.40	0.53	0.00	0.00	22
23	0.00	0.00	0.00	0.00	0.00	0.14	0.03	0.50		0.30	0.00		23
24	0.00	0.14	0.00	0.22	0.20		0.07	0.10	0.40	0.47	0.00	0.31	24
25	0.00			0.08	0.06	0.00	0.06	0.20	0.50	0.56			25
26	0.00	0.96	0.00	0.10	0.18	0.00	0.12		0.03	0.48	0.00		26
27	0.08	0.03	0.00	0.00		0.00	0.20	0.66	0.06	0.62	0.00	0.00	27
28		0.00	0.50	0.06	0.00	0.00	0.53	0.23	0.00		0.70	0.00	28
29	0.15		0.15		0.00	0.00		1.07	0.00	0.08		0.70	29
30	0.05	X		0.09	0.00	0.00	0.36	0.03		0.00			30
31	0.10	X		X	0.00	X	0.06	0.16	X	0.00	X	0.09	31
TOTAL	2.44	4.78	1.18	1.78	2.41	0.84	2.61	6.47	3.36	6.05	7.25	3.10	YEAR'S TOTAL 42.27
Days with ·01 in. or more													
Days with ·04 in or more	11	14	6	11	11	7	13	19	16	21	13	10	152

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

3245
3559

AIR MINISTRY.

FORM 1090

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Allenheads
in the County of Northumberland
by J Wm Metcalfe

Lat. ________ Long. ________
Time of Observation 9 AM (Sundays excepted)
Nearest Railway Station Wearhead 4½ miles Allendale 8 .
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 1353 ft.

8 JAN 192

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	in.	
1	0.02	0.00		0.00	0.00	1.22 ~~2.22~~	0.02	0.20	0.00	0.10		—	RVV 1
2	0.23		0.00	0.00	0.09	0.00	0.20		0.00	0.00	0.95	0.50	[illegible] 2
3	0.00	0.10	0.25	0.07 S		0.00	0.6	0.40	0.00	0.10	0.00	—	C 3
4	0.00	0.12	0.00	0.00	0.40 S	0.00	0.33	0.10	0.00		0.00	0.50	a.w.B 4
5		0.09	0.00		0.18	0.00		0.00	0.00	0.90	0.00	0.40	5
6	0.00	0.00	0.00	0.00	0.26	0.00	0.27	0.00		0.50 (0.50)	0.00		6
7	0.00	0.00	0.00	0.04	0.08		0.06	0.00	0.50	0.00	0.00	—	7
8	0.00			0.00	0.12	0.15	0.00	0.00		0.10		—	8
9	0.20 S	0.13	0.00	0.00	0.24		0.00	0.00	1.00	0.05	0.00	—	9
10	0.30		0.00	0.02		0.12	0.00	0.00	0.02	0.10	0.00	—	10
11	0.75 S (part)	0.00	0.00	0.00	0.06	0.36	0.00	0.00	0.15		0.00	—	11
12		0.00	0.00	0.15	0.12	0.33		0.02	0.10	0.00	0.00	—	12
13	0.70	0.00	0.00		0.00	0.00	0.02	0.00		0.00	0.00		13
14	0.18	0.00	0.00	0.00	0.00		0.00	0.00	0.30	0.00	0.00	0.30	14
15	0.00	0.16 S	0.00	0.00	0.08	0.00	0.00	0.00	0.30	0.00		0.30	15
16	0.00			0.00	0.00	0.00	0.00		0.20	0.00	0.00	—	16
17	0.00	0.30	0.00	0.00		0.07	0.00	1.10	0.15	0.00	—	—	17
18	0.47	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.05		—	0.10	18
19		0.00	0.00	0.00	0.17	0.00		0.00	0.60	0.30	—	—	19
20	0.18	0.00	0.00		0.00	0.00	0.40	0.30		0.00	—		20
21	0.13	0.00	0.00	0.00	0.38		0.00	0.25	1.20	0.00	0.20	—	21
22	0.28	0.00		0.16	0.04	0.00	0.20	0.30	0.30	0.00		0.50	22
23	0.03		0.77	0.15	0.10 (10)	0.00	0.10		0.20	0.30	0.30	0.30	23
24	0.00	0.00	0.15	0.13		0.00	0.25	0.20	0.00	0.00	0.15 0.15		24
25	0.00	0.00	0.02	0.24	0.18	0.00	0.15	0.10	0.10		0.20	0.80	25
26		0.00	0.00		0.04	0.09		0.05	0.00	0.85	0.20	0.60	26
27	0.43	0.00	0.00	0.46	0.00	0.00	0.25	0.20		0.25	0.20		27
28	0.00	0.00	0.00	0.14	0.00		1.00	0.10	0.00	0.00	0.20	0.20	28
29	0.00	0.25 S	0.00	0.15	0.00	0.40	0.20	0.20	0.10	0.50		1.45	29
30	0.00	X	0.00	0.00	0.00	0.00	0.10		0.10	0.20 (0.20)	0.15	0.20	30
31	0.00	X	0.00	X	1.00 1.50	X	0.10	0.10	X	0.20	X	0.35	1091 31
TOTAL	3.90	1.15	1.19	1.71	5.35 ~~4.35~~	2.74 ~~3.74~~	4.42	3.62	5.37	4.45	2.55	6.50	YEAR'S TOTAL 42.95 in
Days with ·01 in. or more	13 16	4 11	6 5	11 12	18 22	7 10	15 21	15 19	17 21	14 19	9 9	10 10	168
Days with ·04 in or more	11	4	3	10	18	8	14	14	16	14	9	14	141

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

FOR OFFICIAL USE.

3245

County No. 3559
River Dist.
Station No.

JAN 1925

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Allenheads, Allendale Co.
in the County of Northumberland
by J. W. Metcalfe

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Allendale 8½ miles Wearhead 4½
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 1353 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.02	0.00	0.00	0.00	0.00	2.22	0.07	0.20	0.00	0.10		0.00	1
2	0.23		0.00	0.00	0.09	0.00	0.~~2~~0		0.00	0.00	0.95	0.50	2
3	0.00	0.10		0.07		0.00	0.67	0.40	0.00	0.10	0.00	0.00	3
4	0.00	0.12	0.25	0.00	0.40	0.00	0.33	0.10	0.0		0.00	0.50	4
5	0.00	0.09			0.18	0.00		0.00	0.00	0.90	0.00	0.40	5
6	0.00	0.00	0.00	0.00	0.76	0.00	0.27	0.00		0.50	0.00	0.00	6
7	0.00	0.00	0.00	0.04	0.08		0.06	0.00	0.50	0.10	0.00		7
8	0.00	0.13		0.00	0.12	0.15	0.00	0.00		0.00	0.00	0.00	8
9	0.20	~~0.00~~	0.06	0.00	0.24		0.00		1.00	0.05	0.00	0.00	9
10	0.30	0.00	0.00	0.02		0.17	0.00	0.00	0.02	0.10	0.00	0.00	10
11	0.75	0.00	0.00	0.00	0.06	0.36	0.00	0.00	0.15		0.00	0.00	11
12	0.70	0.00	0.00	0.15	0.12	0.33		0.00	0.10	0.00	0.00	0.00	12
13		0.00	0.00		0.00	0.01	0.02	0.00		0.00	0.00		13
14	0.18	0.00	0.00	0.00	0.00		0.00	0.02 ~~0.20~~	0.30	0.00	0.00	0.30	14
15	0.00	0.16 Ⓢ		0.00	0.08	0.00	0.00	0.00	0.30	0.00	~~0.00~~	0.30	15
16	0.00		0.00	0.00	0.00	0.00	0.00		0.20	0.00	0.00	0.00	16
17	0.00	0.30	0.00			0.07	0.00	1.10	0.15	0.00	0.00	0.00	17
18	0.47	0.00	0.00		0.31	0.00	0.10	0.00	0.05	0.30	0.00	0.10	18
19		0.00	0.00		0.17	0.00		0.00	0.60		0.00	0.00	19
20	0.18	0.00	0.00		0.00	0.00	0.40	0.30		0.00	0.00		20
21	0.13	0.00	0.00	0.00	0.38		0.10	0.25	1.20	0.00	0.20	0.00	21
22	0.28	0.00		0.16	0.04	0.00	0.10	0.30	0.30	0.00	~~0.00~~	0.50	22
23	0.03		0.77	0.15	0.10	0.00	0.10		0.20	0.30	~~0.30~~ 0.30	0.30	23
24	0.00	0.00	0.15	0.13		0.00	0.20	0.20	0.00	0.00	0.15		24
25	0.00	0.00	0.02	0.~~14~~ 2	0.18	0.00	0.15	0.10	0.10		0.20	0.80	25
26		0.00	0.00		0.04	0.09		0.05	0.00	0.85	0.20	0.60	26
27	0.43	0.00	0.00	0.46	0.00	0.00	0.25	0.20		0.25	0.~~3~~20	0.20	27
28	0.00	0.00	0.00	0.14	0.00		1.00	0.10	0.00	0.00	0.20		28
29	0.00	0.25 Ⓢ		0.15	0.00	0.40	0.20	0.20	0.10	0.50		1.45	29
30	0.00	×	0.00	0.00	0.00	0.00	0.10		0.10	0.20	0.15	0.20 Ⓢ	30
31	0.00	×	0.00	×	1.50	×	0.10	0.10	×	0.20	×	0.35	31
TOTAL	3.90	1.15	1.19	1.71	4.35	3.74	4.42	3.62	5.37	4.45	2.55	6.50	YEAR'S TOTAL 42.95 in.
Days with ·01 in. or more.	13	7	4	11	18	8	19	15	17	14	9	14	149
Days with ·04 in. or more	11	7	3	10	18	8	18	14	16	14	9	14	(Ⓢ = snow)

W. V V
wp
e
W.H.B.

142

April 3 = ·07 part snow
May 3-4 = ·40 Do. also May 5 & 7

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Allenheads

in the County of Northumberland

Diameter of Funnel of Gauge 8" in. (8 in)

Height of top of Gauge above Ground 1 ft. — in.

„ Ground „ Sea Level 1350 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24							July 1–19 no rain July 20–31 = 1·30					nearly Half, fell as snow	24
25													25
26													26
27													27
28													28
29													29
30		X											30
31		X		X		X			X		X		31
TOTAL	4·45	7·40	2·55	2·25	4·25	nil	1·30 (July 20–31) (July 1–19 no rain)	2·85	5·00	4·25	2·85	7·10	YEAR'S TOTAL 44·25
Days with ·01 in. or more.													
Days with ·04 in. or more.													

(Signed) J. W. Metcalfe [P.T.O.

Section **A** for the entry of Daily Observations. ✓ .. JD

FOR OFFICIAL USE.

3281
3559

Form 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1926

Kept at Allenheads
in the County of Northumberland
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. — in.
" Ground " Sea Level 1350 ft.

Sept. 23	·20	Dec 15	·03
24	·15	27	·02
26	·30		
Dec 8	·04		
9	—		
13	·20		

Sep to Dec corr by Sum 8th
observer compar f. 7797 15/27 encl (A.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·30	·10	—	— (1 & 2)	—	—	—	—	—	—	—	1
2 & 3	—	·20	—	—	—	—	—	—	—	—	—	[illegible]	2
~~3~~		—	[illegible]	—	—	—	—	—	—	—	—	—	3
4	·20	·15		—	·20	—	—	—	·05 (4 & 5)	—	·80	—	4
5	·20	·30		—	·10	—	—	·40	—	·10	— 6	—	5
6	·40S	·50 (6 & 7)	4	·20	·35	—	·50	—	—		·50	—	6
7	·40	—		—	—	—	·20	—	—		—	—	7
8	·05	·20	1·50	—	·20 (8 & 9)	·65	—	—	·75	·50	[illegible]	(·40)	8
9 & 10	·20	—	(4 to 10)	—	[illegible]	·10	—	·40	·05	·50	[illegible]	~~·70~~	9
~~10~~		·20	14	·25 (10 & 11)	·20	—	—	·10	—	—	·10	—	10
11	—	·10		—	—	·10	—	·10	·45	·10	·40	—	11
12	—	—		—	—	·30 (12 & 13)	—	·15	—		·20	—	12
13	·20	·45 (13 & 14)		—	·20	—	—	·20	—		1·40 (13 & 14)	~~·60S~~ ·20	13
14	·20S	—	—	—	—	1·00		1·00 (14 & 15)	·40	·35	—	—	14
15	·10S	·30	—	·50	— (15 & 16)	·40	North Pennines	[illegible]	—		—	(·30)	15
16 & 17	·10S	·20S	—	·05 (17 & 18)	—	—	1·50 (17 & 18)	·15	·10		—	·25	16
~~17~~		·10		[illegible]	—	—	[illegible]	·15	—		—		17
18	·20S	·10		·05	—	—	[illegible]	·10	1·50		—		18
19	—	·70	—	·10	—	·50 (19 & 20)	·30	·05	·35	1·75	—		19
20	—	·50 (20 & 21)	·30 (20 & 21)	—	·40	—	·20	·45	—		1·10 (20		20
21	·30S	—	·20	·20	—	·20	·20	·30 (21 & 22)	—		—		21
22	·50	·10	—		— (22 & 23)	·10	·30	—	—		—	·50	22
23 & 24	·50	—	—	·30	—	—	·80	·05	1·20		—		23
24	—	—	—	1·30 (24 & 25)	·15	—	·40 (24 & 25)	—	(·15)				24
25	·30	—	—	—	—	—	·20		·35	·30			25
26	—	·20	—	—	·80	—	·10	—	(·30)	—	·50		26
27	·40	·40 (27 & 28)	—	·10	—	—	·10	—	—	—		(·20)	27
28	·50	—	—	—	·30	—	—	—		—	—	·10	28
29	·80		—	—	— (29 & 30)	—	—	—	—	—	—	—	29
30 & 31	·20	X	—	—	—	·30	—	·20	—	1·00 (30 & 31)	—	—	30
~~31~~		X		X		X	—	·10	X		X	—	31 45·94
Total	5·75	4·90	2·00	3·05	2·90	3·65	4·70	3·60 ~~[illegible]~~	(4·55) ~~3·70~~	4·25	5·00	(1·59) ~~3·30~~	YEAR'S TOTAL ~~47·20~~
Days with ·01 in. or more.													
Days with ·04 in. or more.													

Please read the Notes and Instructions Overleaf. S = Snow

(144ws) Sat & Sunday's rain is measured together (Signed) J W Metcalfe 45 [P.T.O.

3266

3559

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1927.

Kept at Allenheads

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

„ Ground „ Sea Level 1350 ft ft.

Jan to May adj by maps.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. morning measurement always credited to prev. day

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—		·10 S			—	·10	—		·50	—	1
2	—	—	—					—	—	·20	1·00	—	2
3	·30 S	—	Feb 17 to march 10 = 1·90	·25			·15	—	—	—	·50	—	3
4	·05	—		·15		·20	·25	—	—	—	·20	—	4
5	—			·10			·65	—	·15	—		—	5
6	·70	·30		—			·70		·50	—	·50 part snow	—	6
7	—	·20		·15	Apl 23 to May 8 =		·60	·50	—	—	·30 S	—	7
8		·25		·10	2·70	—	—	1·60	·10		—	—	8
9	·50	—	—			—	—	·10	·05	·05	·10 S	—	9
10	—	—	1·90	·50 Part Snow	—	—	—	·20		—	—		10
11	·15	—	—	—	—	—	—	—	·30	—	·30 S	·10	11
12	·50 Part Snow	—	—	·70	—	—	—	—	—	—		—	12
13	—	—	·40		·20	—	—		·40	·25	—	·05 S	13
14	—	—	—			—	—	·80	·20	—	—	·70 S	14
15	·20 S	—	—		—	—	—	1·00	—		·25	·05 S	15
16	—	—	—	·70		·20	—	—	·15	·25	—	—	16
17	—		—	Apl 11 to 21	—	—	—	·10		—	—		17
18	—		—		—	—	—	·30	·45	·30	·50	—	18
19	—		—		·50	—	—	·30	·15	·20	1·50 19	·10 S	19
20	1·20		—		—	—	·10		1·50	—	~~21~~ 20	·10 S	20
21	—		·05		—	—	·80	·50	1·40	·50	·25	·60	21
22			—	·20	—	·40	·80	·90	·45		—	·40	22
23	·50 S				·10	·50		·20	—	·20	·20	·10 S	23
24	·20 S		·70		·20	·10	·10	·40		·10	—	·50 S	24
25	·40		·60			·50	·30	—	·15	·25	—		25
26	·10						·20	·20	·35	·90		·30 S	26
27	·80	march 5·0	·50	Apl 27 to May 25 = 3·70		·10	·40		—	·10	—	·05 S	27
28	·35		·10		·25 = 25th to 31st	—	—	·30	·70	1·20	—	·05 S	28
29			—			—	—	—	·05	·10	·20	—	29
30	·50 Part Snow	×	·30			·60	—	·05	·10		—	—	30
31	—	×	—	×		×	—	—	×	—	×		31
TOTAL	(5·25) ~~5·45~~	(1·25) 5·30	(4·55)	(2·50) 6·20	(3·70)	2·60	5·05	7·55	7·15	4·70	6·00	3·10	YEAR'S TOTAL 53·40
Days with ·01 in. or more.	⊕	Feb & march		April & May									
Days with ·04 in. or more.													

fell part as snow

Sep/20 = started at 4 pm (re Sep 20)

Print with d

40-12-1-27
144w)

S. signifies Snow

(Signed) J. W. Metcalfe

[P.T.O.

⊕ N.B. Sunday is not taken separately but Sat + Sundays total is given together = i.e. taken on monday morning

3351

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 3559

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Allenheads

in the County of Northumberland

Diameter of Funnel of Gauge 8" in.
Height of top of Gauge above Ground 1 ft. — in.
" Ground " Sea Level 1353 ft.

June 8th may be acc. of 7 & 8th ∴ ignore HS 11/60

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·50	·60 Ⓢ	·20	·05	—	—	·50	—		—	·40		1
2	—	·40	·15	—	—		—	—	—	—	·30	—	2
3	·40	—	~~·10~~	·25	·10	—	—	—	·20	—		—	3
4	·20		·20	—	—	—	·15	—	—	—	·50	·10	4
5	·30	·50	—	·05		·05	·10	—	—	·30	·20	·25	5
6	·10	·10	—	—	—	—	·05	·15	—		·10	—	6
7	·50	·05	·10	·15	—	—	—	·15	·05	·15	—	—	7
8		·30	·05 Ⓢ	—	—	1·50	—	·10		—	—	—	8
9	·85	·25	·30 Ⓢ	~~—~~	—	·60	·05	—	·40	·40	—	·10	9
10	·10	·40 Ⓢ	Ⓢ 1·50	·10	·05	↗	—	—	·38	·35	·50	—	10
11	·30			—	—	·20	—		—	·70		—	11
12	·50	·50 Ⓢ		—		·05	—	·80	—	—	·10	—	12
13	·40	—	—	·05	·15	·40	—	·50	—		·40	·10	13
14		·10	—		—	1·10		·15	—	·20	·50	—	14
15	1·00	·40	—	·10	·50	·20	—	·05	—	—	·35	—	15
16	·10 S	·50	—	—	·25		—	—	·15	·20	·50	·35	16
17	—	·30	·20	·05	·10	·10	—	—	—	—		—	17
18	·30			·05	·30	·05	—		·05	·30	·30	—	18
19	—	·05	·30	—		·05	—	·25	—	·70	·95	—	19
20	·10	—	—	·20 S	·40	—	—	2·20	—		·30	—	20
21		—	·05		·15	·15		·45	—	·50	·20	—	21
22	·40	—	·05	—	—	·15	·35	·05	·05	·15	·80	—	22
23	·30	—	·40	—	—	·10	—	·25		·30	·60	·35	23
24	·25 Ⓢ	·05		—	—		—	·05	·20	·80		—	24
25	·50 part snow		·05	—	—	·30	—		·15	·20	·90	·30	25
26	·10	—	—	—	·20	·10	1·40	·40	—	·50	—	·65	26
27	·20	—	—	—		—	·05	·05	—		—	—	27
28		—	·40 part snow	—	—	·70		—	—	·20	—	·10 Ⓢ	28
29	·50	·05	·60 "		—	·10	—	·20	—	·30	—	·70	29
30	—	✕	·20	·10	—	·25	—	·05	—	·30	—		30
31	·50 part snow	✕	·10	✕	·05	✕	—	—	✕	1·00	✕	—	31
TOTAL	8·90	4·55	4·85	1·15	2·25	6·15	2·65	5·85	1·63	7·85	7·90	3·00	YEAR'S TOTAL 56·73
Days with ·01 in. or more.													—
Days with ·04 in. or more.													

We do not ~~take~~ measure the rainfall on Sundays – Saturday & Sunday rain is taken together on the Monday morning. Ⓢ = Snow (melted)

40-9999 Ⓢ = Snow (melted)

(Signed) J W Metcalfe
Jan 1/1929

[P.T.O.

3433

3559

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Allenheads

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground — ft 12 in.

,, Ground ,, Sea Level 1350 ft.

N.B. Saturday & Sunday rain taken together on the Monday morning & entered against the Sat & Sunday (together)

(S) = means Snow melted & measured as Water

Yes **THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.** 4 Yes

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Aug Sept Oct Nov Dec } incomplete

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·10	—	·20	—		—	·30	·05	·30	—	·25	1
2	—			—	—	·45	—	·05	·05	·10		·50	2
3	—	·05	·10 (S)	—	·20	·30	·30		·20	—	·05	·05	3
4	—	—	—	·40		·05	1·20	·75	—	·15	·10	·10	4
Sat & Sunday 5	~~·40~~	—	—	—	·35	·30	·30	·35	—	·80	·30	·40	5
6	·10 (S)	—	—	—	·10	—		·50	—		—	·35	6
7	·10 (S)	—	—	—	·15	·20	·10	—	—	·40	·10	·20	7
8	—	—	—	·05	—		—	—	—	·35	·40		8
9	·20 (S)		—	·10	—	—	—	—	—	·10		·05	9
10	·10 (S)	—	—	—	—	—	·10	·20		·05	1·50	·45	10
11	·10 (S)	—	—	—	·05	—	·05	—	—	—	·70	·40	11
Sat & Sunday 12		—	—	—	·30	·40	—	—	—		·10 (S)	·35	12
13	·10 (S)	—	—	—	·30	·05	—	·10	·05		—	·05	13
14	·05 (S)	·10 (S)	—	—	·50	·10	—	—	—	·05	—	—	14
15	·25 (S)		—	—	·20		—	—	—	—	—	—	15
16	—		—	—	—	·10	—	·35	—	·05		—	16
17	—	·05 (S)	—	·05	—	—	—		—	·30	·10 (S)	—	17
18	—	—	—	·05		—	—	·40	—	—	·50	—	18
19	—	—	—	·15	—	·05	—	—	·50		·25	·15 (S)	19
20	—	—	—		—	—	·05	—	·15	·10	—	·05 (S)	20
21	—	—	—	—	—	·20		·15		—	—	—	21
22	—	—	—	—	—	—	·50	·30	—	—	·05		22
23	—		—	·10	—	·30	—	·45	—	1·20		·30	23
24	·10 (S)	·45 (S)	—	—	·05	·05	—		—	·20	·30	2·20 (2 days Dec 24 & 25)	24
25	—	·15 (S)	—	—	—	—	—	·10	—	·10	·60		25
Sat & Sunday 26		·10 (S)	—	·40	—	—	—	—	—		·15	·15	26
27	·10 (S)	—	—		—	—		·15	—	·30	·10	·05 (S)	27
28	·25 (S)	—	—	·40	—	—	·45	—		·10	—		28
29	·15			—	—	—	·50	—	·80	·30	·25	1·20	29
30	·10 (S)	✕	·15 (30th Sunday rain)	—	—	—	·45	—	·20	—	·25	—	30
31	·10	✕		✕		✕	·50	—	✕	—	✕	·30	31
TOTAL	1·80	1·00	·25	1·90	1·80	2·25	4·50	4·15	2·00	4·95	5·80 (5·80)	8·00	YEAR'S TOTAL ~~38·40~~ = 38·40
Days with ·01 in. or more.													
Days with ·04 in. or more.													

40-9999

Sat & Sunday rain are taken together (on the Monday morning) and entered against the Sat & Sunday together

(S) means snow melted & measured as Water

(Signed) J. W. Metcalfe

[P.T.O.

3502

3559

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Allenheads

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 1350 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·15	·15 X		·20	—	—	—	·15	—	—		—	1
2	·50	~~·20~~	—	·30	—	—	—		—	—	·50	—	2
3	·10	·10 X	—	·10	·20	—	—	·20	—	·45	·60	—	3
4		·20 X	—	—	—	—	—	·85	·15		—	—	4
5	1·20	—	·20		~~·45~~	—	—	·45	—	·50	—	—	5
6	·05	·10	·45	·10	·05	—	—	—		·10	·25		6
7	·50	—	—	·65	·50 X	—	—	—	·27	·50	·35	·30	7
8	·40 X	—		—	·40	—	·05	—	—	·45	·10	·05 X	8
9	·15 X	—	·20	·25	—	·20	—	·10	·14	·05		—	9
10	·80	—	·10	—		—	—		·05	·15	—	—	10
11		—	—	·05	·20	—	—	·20	·05	·50	—	·45	11
12	1·00 X	—	—			—		·50	·15		—	·35	12
13	·70 X	—	—	·10	·05	—	·05	·20	·38	·20	—	—	13
14	·30 X	·05	·20 X	·15	—	—	·25	·05		—	·35	—	14
15	—			—	—	—	·45	·05	—	·45	~~—~~		15
16	—	—	·80 X		—	·50	·70		—	·05	—	—	16
17	—	—	·30 X	—	·40	·20	·20	·05	·50	·30	~~·45~~	—	17
18		—	·15 X	—	~~·05~~	—	·05	·15	·30		·45	—	18
19	·20	—	·10		·05	·05		·40	·50	·25	~~·50~~ ·20	—	19
20	—	—	·30 X	1·50	—	·05	1·50	1·20		·05	·50	·05	20
21	—	—	·05		—		·30	·40	·25	·50	·50		21
22	—			·05	—	·15	1·70	~~·20~~	—	—		~~·20~~ —	22
23	—	·05	—	·15	—	·15	1·00	·10	·15	·05	·45	·40	23
24	—	·20	—	·30	·05	·05	·50		·20	·05	·50	·40 (·40)	24
25		·05	—	—	—	—	—	—	·20	—	·45	·30 X	25
26	·50 X	—	—	·10	—	·05		·15	·90	—	·05	·60 X	26
27	—	—	—		—	·10	·10	~~·15~~	·70	—	—		27
28	—	—	·10	—	—	—	·10	·05		—	·10	1·10	28
29	—	x	—	—	—		·50	·50	·10	·30		·05	29 4·80
1930 30	·10	✕		—	—	·15	·20	~~·20~~	·20	·05	—	·90 X	30 d
31	·40 X	✕	·05	✕	—	✕	·10	·35	✕	·10	✕	·10 X	31
TOTAL	7·05	1·90	3·20	4·00	1·90	1·65	7·75	6·70	5·20	5·05	5·35	4·85	YEAR'S TOTAL 54·60
*Days with ·01 in. or more.													—
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) J. W. Metcalfe

P.T.O.

+ & * mean fallen as snow or snow + rain but measured as water (after melting) 1/1/1931

ALNMOUTH

NETHER GRANGE

NORTHUMBERLAND

1922-23, 25-1930

FORM 1090 METEOROLO... GANIZATION.

(*formerly B.R.O. Form A.1*). R...

Kept at Nether ... 1°25' W

in the County of North... Alnmouth

by Miss Pea... ...n Gauge 5 in.

...ve Ground ~~5~~ 1½ ft. ~~4~~ in.

Sea Level 40 ft. Approx

IMPORTANT NOTE.— ...ntered to the previous day. If an Observer prefers not to ... universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1							·08	·07	·49		·02	·01	1
2							·01	·07	·02				2
3								·03		·33	·26		3
4							·01						4
5							2·40		·02	·90	·25		5
6							·72		·01		·16		6
7								·12				·11	7
8							·45	·41		·05	·02	·01	8
9						·04	·18				·03		9
10						·01				·05	·17		10
11													11
12						·42	·12	·21	·04	·05			12
13						·05	·13	·10	·25		~~[illegible]~~	·09	13
14							·20		·28				14
15							·62	·11	·05				15
16							·01	·05	·02	·01		·22	16
17								·01	·04			·17	17
18						·05			·05				18
19									·05	·05			19
20						·01		·16	·18	·06		·93	20
21							·05	·15	·22	·05		·10	21
22						·12		·07		·04		·03	22
23								·02		·05	·02		23
24						·02		·08		·22			24
25						·08				·05	·14	·05	25
26							·20	·01	·54	·13	·01	·01	26
27						·03			·02	·03	·05	·04	27
28							·15	·10	·67	·21		·10	28
29							·22			·05		·66	29
30							·07	·10	·15	·19	·02	·55	30
31							·09	·14		·04			31
TOTAL						0·83	5·71	2·01	3·28	2·56	1·15	3·08	~~YEAR'S~~ TOTAL Last 7 months ~~18·21~~
Days with ·01 in. or more						10	18	19	18	19	12	15	~~111~~
Days with ·04 in. or more						6	15	15	13	17	6	11	~~83~~

(65,296). Wt. 1,625—6780. 7000. 11/21. Gp.132. A.&E.W.

Form 1090 **METEOROLO**[redacted]**GANIZATION.**
(formerly B.R.O. Form A.1). R

Kept at Nether Grange Alnmouth
in the County of Northumberland
by Miss Pease

Lat. 55° 23' N. Long. 1° 25' W
Time of Observation 9 a.m.
Nearest Railway Station Alnmouth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ~~5~~ 1½ ft. ~~4~~ in.
" " " " Sea Level 40 ft. approx

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following. ☐

Records taken in Millimetres should not be entered on this form.

Date	**Jan.**	**Feb.**	**March**	**April**	**May**	**June**	**July**	**August**	**Sept.**	**Oct.**	**Nov.**	**Dec.**	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1							·08	·09	·49		·02	·01	1
2							·01	·07	·62				2
3								·03		·33	·26		3
4							·01						4
5							2·40		·02	·90	·25		5
6							·92		·01		·16		6
7								·12				·11	7
8							·45	·41		·05	·02	·01	8
9						·04	·15				·03		9
10						·01				·05	·17		10
11													11
12						·42	·12	·21	·04	·05			12
13						·05	·13	·10	·25		~~[illegible]~~	·09	13
14							·20		·18				14
15							·62	·11	·05				15
16							·01	·05	·02	·01		·22	16
17								·01	·04			·17	17
18						·05			·05				18
19									·05	·05			19
20						·01		·16	·18	·06		·93	20
21							·05	·15	·22	·05		·10	21
22						·12		·07		·04		·03	22
23								·02		·05	·02		23
24						·02		·08		·22			24
25						·08				·05	·14	·05	25
26							·20	·01	·54	·13	·01	·01	26
27						·03			·02	·03	·05	·04	27
28							·15	·10	·67	·21		·10	28
29							·22			·05		·66	29
30		X					·07	·10	·15	·19	·02	·55	30
31		X		X		X	·09	·14	X	·04	X		31
TOTAL						0·83	5·71	2·01	3·20	2·56	1·15	3·08	~~YEAR'S~~ TOTAL Last 7 months ~~18·54~~
Days with ·01 in. or more						10	18	19	18	19	12	15	~~111~~
Days with ·04 in. or more						6	15	15	13	17	6	11	~~83~~

(65,296). Wt. 1,625—6780. 7000. 11/21. Gp.132. A.&E.W.

3591.

ALNMOUTH

NETHER GRANGE

1923 - ~~30~~

1924

7 JAN 1924

3

FORM 1090 METEOROLOG … NIZATION

(formerly B.R.O. Form A.1).

RE

5'W.

Kept at Nether Grang

in the County of

by Miss Pease

…uge 5 in.

…round 1 ft. 6 in.

…a Level 40 ft. approx

IMPORTANT NOTE.—R … d to the previous day.

If an Observer prefers not to … to add the reading at 9 a.m. on 1st Ja… … end of this paragraph. Full instruction… … gauges, and particulars as to the Britis… … "Rules for Rainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·18	·04	·18	·08			·01	·18	·06	·01		·24	1
2	·03	·07	·02	·24				·11	·02		·03	·06	2
3	·03	·03	·38			·17			·21	·25	·48	·17	3
4						·06			·03	·04	·01	·16	4
5	·07		·06		·03	·04		·06			·46	·18	5
6	·19	·05	·02					·21	·03		·19		6
7		·15	·05			·01	·03					·05	7
8	·05	·03	·04					·28		·11	·03	·02	8
9	·05	·16	·06	·38	·27						·06	·06	9
10		·22	·04	·46	·16	·03	·38					·09	10
11	·15	·19	·03		·31						·04		11
12		·11	·05	·08	·03	·17		·22	·06	·13	·71	·05	12
13	·03	·10		·25	·07				·06	·07	·05		13
14		·53			·11							·01	14
15		·33			·28	·36	·01			·04	·41	·07	15
16		·04			·22	·12		·18			·15		16
17					·02	·05	·03	·04	·43				17
18		·17	·01		·09		·02	·03	·02	·02	·03		18
19					·10	·04	·11	·15	·11		·18	·18	19
20		·07			·01		·01	·30	·20	·10	·33	·04	20
21		·21		·03					·05	·01	·14	·56	21
22	·15			↓	·09		·04	·03	·01		·20	·	22
23				·08	·03			·22	·02	·37	·09		23
24		·04		·14	·12	·11	·01	·04	·31	·03		·17	24
25		·30		·01	·33				·05	·15		·42	25
26		·50		·04	·07			·07		·24		·03	26
27	·02	·15	·13		·05		·09	·06	·06	·36	·23	·04	27
28		·06	·18	·06			·09	·30			·12	·10	28
29	·40	X	·01	·12	·02		·22	1·26		·19	·20	·26	29
30	·03	X			·05	·02	·23				·07	·15	30
31		X	·27	X	·01	X	·44	·04	X		X	·03	31
TOTAL	1·38 ✓	3·58 ✓	1·53 ✓	1·97 ✓	2·47 ✓	1·18 ✓	1·72 ✓	3·78 ✓	1·73 ✓	2·15	4·21	3·14	YEAR'S TOTAL ✓ 28·84
Days with ·01 in. or more	13 ✓	22 ✓	16 ✓	13 ✓	22 ✓	12 ✓	15 ✓	19 ✓	17 ✓	16 ✓	22 ✓	23 ✓	210 ✓
Days with ·04 in. or more	8 ✓	20 ✓	11 ✓	11 ✓	15 ✓	9 ✓	7 ✓	17 ✓	11 ✓	12 ✓	18 ✓	19 ✓	158 ✓

(65,296). Wt. ,625—6780. 7000. 11/21. Gp.132. A.&E.W.

3

7 JAN 1924

FORM 1090 METEOROLOG~~ICAL OFFICE.—BRITISH~~ RAINFALL ORGANIZATION
(formerly B.R.O. Form A.1).

REGISTER OF RAINFALL IN 1923

Kept at Nether Grange, Alnmouth
in the County of Northumberland
by Miss Pease

Lat. 55° 23' N. Long. 1° 25' W.
Time of Observation 9 a.m.
Nearest Railway Station Alnmouth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 112 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·18	·04	·18	·08			·01	·18	·06	·01		·24	1
2	·03	·07	·02	·24				·11	·02		·03	·06	2
3	·03	·03	·38			·17			·21	·25	·48	·17	3
4						·06			·03	·04	·01	·16	4
5	·07		·06		·03	·04		·06			·46	·18	5
6	·19	·05	·02					·21	·03		·19		6
7		·15	·05			·01	·03					·05	7
8	·05	·03	·04					·28		·11	·03	·02	8
9	·05	·16	·06	·38	·27						·06	·06	9
10		·22	·04	·46	·16	·03	·38					·09	10
11	·15	·19	·03		·31						·04		11
12		·11	·05	·08	·03	·17		·22	·06	·13	·41	·05	12
13	·03	·10		·25	·07				·06	·07	·05		13
14		·53			·11							·01	14
15		·33			·28	·36	·01			·04	·41	·07	15
16		·04			·22	·12		·18			·15		16
17					·02	·05	·03	·04	·43				17
18		·17	·01		·09		·02	·03	·02	·02	·03		18
19					·10	·04	·11	·15	·11		·18	·18	19
20		·07			·01		·01	·30	·20	·10	·33	·04	20
21		·21		·03					·05	·01	·14	·56	21
22	·15				·09		·04	·03	·01		·20		22
23				·08	·03			·22	·02	·37	·09		23
24		·04		·14	·12	·11	·01	·04	·31	·03		·17	24
25		·30		·01	·33				·05	·15		·42	25
26		·50		·04	·07			·07		·24		·03	26
27	·02	·15	·13		·05		·09	·06	·06	·36	·23	·04	27
28		·06	·18	·06			·09	·30			·12	·10	28
29	·40		·01	·12	·02		·22	1·26		·19	·20	·26	29
30	·03				·05	·02	·23				·07	·15	30
31			·27		·01		·44	·04				·03	31
TOTAL	1·38 ✓	3·58 ✓	1·53 ✓	1·97 ✓	2·47 ✓	1·18 ✓	1·72 ✓	3·78 ✓	1·73 ✓	2·15 ✓	4·21 ✓	3·14 ✓	YEAR'S TOTAL ✓ 28·84
Days with ·01 in. or more	13 ✓	22 ✓	16 ✓	13 ✓	22 ✓	12 ✓	15 ✓	19 ✓	17 ✓	16 ✓	22 ✓	23 ✓	210 ✓
Days with ·04 in. or more	8 ✓	20 ✓	11 ✓	11 ✓	15 ✓	9 ✓	9 ✓	17 ✓	11 ✓	12 ✓	18 ✓	19 ✓	158 ✓

(65,296). Wt. 1,625—6780. 7000. 11/21. Gp.132. A.&E.W.

Section **A** for the entry of Daily Observations.

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apr cor by Oke

FOR OFFICIAL USE.

3314

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Nether Grange Alnmouth

in the County of Northumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" Ground " Sea Level 40 approx.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·46		·73					·52			·17	·15	1
2	·12		·05	·40	·02	·03	·04	·08	·05		·06	·36	2
3	·34		·05			·02	·01	·02	·09	·15	·21	·02	3
4					·32						·04		4
5				·29	·43			·01			·07		5
6		·05		·09		·04	·24	·20			·07		6
7		·01		·15	·07			·10	·09	·01	·08		7
8		·07	·05	·04	·03			·51			·25	·09	8
9	·02	·03					·06		1·26			·06	9
10		·11	·16		·01			·01	·04		·06		10
11		·36	·01		·04			·01	·04			·23	11
12		·06		·04				·04		·03			12
13		·09						·06	·03	·02			13
14		·44	·04	·07						·02		·21	14
15		·45		·03	·01				·12				15
16		·19	·03	·03					·20	·12		·20	16
17		·37		·11					·03			·15	17
18		·06		·24						·02		·38	18
19		·05	·19						·69	·08		·70	19
20			·12				·45	·08		·33		·23	20
21		·08	·11	·02				·01	·02	·04		·17	21
22				·03				·66	1·09	·24	·06		22
23	·04	·05	·08		·21		·01	·01	·06	·02	·06		23
24		·26	·06	·02	·88					·01	·12		24
25	·03	·19	·30	·02	·03		·49		·41	·01	·13		25
26	·05	·12	·01	·32	·31		·07	·04	·01	·20	·19	·05	26
27		·10			·13		·65	·02		·04	·16		27
28	·07	·08		·09	·02		·08			·23	·37	·07	28
29	·19	×		·39 ~~·30~~	·07		·03			·10	·14	·21	29
30		×		·31	·02	·06	·31	·09			·08	·25	30 730
31		×	·06	×	·02	×	·01	·01	×	·02	×		~~28·66~~ 31 28·75
TOTAL	1·32	3.22	2·05	2·60 ~~2·69~~ sht	2·62	0·15	2·45	2·48	4·23	1·69	2·32	3·53 ~~3·35~~	YEAR'S TOTAL ~~28·57~~
Days with ·01 in. or more.	9	21	16	19	17	4	13	19	16	19	18 ~~19~~	17	188
Days with ·04 in. or more.	7	19	13	13	9	2	9	11	12	10	10	16	131 ~~139~~

(Signed) Ella Pease [P.T.O.

✓✓✓ OK

FOR OFFICIAL USE. 3314

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1926.

County No.

River Dist.

Station No.

Kept at Nether Grange, Alnmouth

in the County of Northumberland

by Mr. George Houghton. gardener

Lat. 55° 23′ N Long. 1·25° W

Time of Observation 9 A.M.

Nearest Railway Station ALNMOUTH

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 40 ft. approx

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Corr for Ann f703303/26

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·19	·01								·25	·70	·06	1
2		·17								·01	·21	·05	2
3	·48		·15										3
4	·02	·09			·01		·09	·36		·02	·13		4
5	·04	·51			·09				·02		·01	·20	5
6	·12	·47			·09		·66	·24		·04	·03		6
7	·25	·16			·06	·06							7
8	·05	·11	·03						·03	·30	·15		8
9		·07			·23	·60	·26	·01	·07	·33			9
10		·01			·13	·37		·48			·23		10
11		·05				·16		·25			·10		11
12		·02			·05	·12			·32	·49	·02		12
13					·08	·04		·06	·24	·07	·10	·08	13
14	·20	·25		·16	·02	·37		·05	·19		·18	·03	14
15	·23	·03		·12		·26		·22					15
16		·08				·30		·07		·12	·18		16
17	·01		·06	·05			1·05	·01					17
18	·38			·02			~~1·62~~	·27			·57		18
19	·03	·08	·07	·14		·01	·39	·16	1·09	·02	·20		19
20			·02	·02	·18		·07	·17	·33	·07		·08	20
21		·15	·04		·10		·25	·06		·26	·01	·08	21
22	·28	·01	·03	·03		·10	·02	·02		·36	·42		22
23	·06		·02			·07	·20	·04	·18		·14		23
24	·09			·65	·05		·78		·02	·74		·05	24
25	·10			·05	·01				·14	·23	·32	·02	25
26	·02		·01	·08	·61	·04			·42		·06		26
27		·10					·12				·05	·01	27
28	·20	·05	·02	·19	·25 8		·14			·52	·11		28
29	·19		·02		·19	·01				·11	·08		29
30		X		·01	·02			·10	·22	·06	·01		30
31	·15	X	·01	X		X			X		X		31
TOTAL	3·09 ✓	2·42 ✓	0·48 ✓	1·52 ✓	2·20 ✓	2·51 ✓	4·59	2·57 ✓	3·27 ✓	4·00	4·01 ✓	0·66 ✓	YEAR'S TOTAL 31·32 ✓
Days with ·01 in. or more.	20 ✓	19 ✓	12 ✓	12 ✓	17 ✓	14 ✓	13 ✓	17 ✓	13 ✓	18 ✓	23 ✓	10 ✓	~~[illegible]~~ 188 ✓
Days with ·04 in. or more	16 ✓	14 ✓	4 ✓	8 ✓	13 ✓	12 ✓	11 ✓	14 ✓	10 ✓	15	18 ✓	7 ✓	~~138~~ 142 ✓

REGISTER OF RAINFALL.

INSTRUCTIONS.

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C. 2, or from The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

2. In filling

(a) I
9 a.m., Greenwich Mean Time. The measurement is to be
uary 1st is the rainfall for the 24 hours following 9 a.m. on
nuary 2nd.

(b) T
exception. When there has been no precipitation the entry
ry "trace" or "tr" is to be made in the two following cases,

gauge and the observer knows that this is not the result of a
after emptying the rainwater out of it at a previous time of
certain that there has actually been precipitation since the
s that the precipitation has been in the form of dew or wet

tion that some rain (or other form of precipitation such as
preceding observation, and yet finds no water in the gauge.
a weather, without the gauge being even damp, the small
to the receiving can.

(c) O
graduation is to show the limit between the amounts which
ntry ·005 is not to be made in the register.

(d) If
or more, the days covered by the next reading should be
t the reading on the morning of the 18th day of the month

9th was ·14 in.

(e) T
addition should always be done a second time as a check.
eady been found in another copy of the register.

(f) T
ll the days with any rain except those for which the entry

(g) If
onth the spaces for the number of days with rain should be

(h) T

3. Short not
e names and addresses of any observers whose records (it is
thought) have not be

In the notes
nch in 20 minutes or 1 inch in 1 hour) the following details
should be stated:

(a) Is
he measured rainfall?

(b) W
his rainfall?

(c) W

If Gauge has been moved during year state—

Date.	Distance.	Direction.

How was height above sea level ascertained

Height given by coastguard

State pattern and maker of Gauge, if known

What are the objects nearest to the Gauge?

Objects.	Height.	Distance.	Direction.
House	30 ft	20 ft	North

In order that the position may be accurately entered on a map please mention.

Latitude 55·23′ N.

Longitude 1·25 W.

Nearest Railway Station and Parish Church.

	Name.	Distance.	Direction.
Station	Alnmouth	1 mile	West
Church	Alnmouth	250 yards	North

If you know of any record of rainfall not quoted in *British Rainfall*, please give the Observer's name and address below.

M.O.
5 JAN 1927

(47R.s) (369267) Wt. 15507/7988 Gp. 127 20,000 9-22
W & S Ltd.

M.O.
5 JAN 1927

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3299

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

Kept at Nether Grange. Alnmouth.
in the County of Northumberland.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
„ Ground „ Sea Level 40 ft. Approx.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the **Notes and Instructions Overleaf.**

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·01				·09	·06			·13	·25		1
2	·01		·24	·18	·15					·01	·10		2
3			·07		·04		·09						3
4			·06	·26	·57	·10	·09				·01		4
5	·08	·09	·47			·47	·75	·02			·01		5
6		·06				·06	·03	·41	·10		·16		6
7		·09	·19	·11			·62				·36	·02	7
8	·41					·30		1·58	·02	·04	·02	·02	8
9			·10	·14				·04	·02		·20	·03	9
10			·09	·02				·07	·12		·23	·02	10
11			·13	·01		·03			·01		·57	·07	11
12	·08		·03	·03							·04		12
13	·04			·08	·34			·15		·31	·04	·08	13
14	·01			·01	·10				·01	·08	·08	·10	14
15								·01		·02	·09	·05	15
16					·12	·15		·05	·02	·11			16
17								·02				·17	17
18	·07					·11		·21				·01	18
19		·04						·02	·01	·01	·13	·07	19
20	·04	·02				·08		·04	·99		·05		20
21		·03	·01		·24		·72	·25	·90	·38	·19	·49	21
22		·08	·17			·11	·05	·14	·77	·09	·05	1·04	22
23	·13		·06	·02	·09	·57	·14	·38	·01		·13	·13	23
24			·18	·09	·07	·05		·16	·03	·09		·05	24
25		·09	·03	·32		·80	·03		·04	·15		·15	25
26	·21	·03		·05		·05	·13		·16	·10		·10	26
27	·20	·03	·03		·01	·08	·04	·14		·12	·02	·04	27
28	·31	·26		·02		·04	·09	·01	·33	·09	·01		28
29	·07	×	·16						·08		·01		29
30	·03	×		·01		·19	·02	·02					30
31		×	·02	×	·12	×		·02	×		×		31
													YEAR'S TOTAL
TOTAL	1·69	0·83	2·04	1·38	1·85	3·28	2·87	3·74	3·62	1·73	2·75	2·64	28·42
Days with ·01 in. or more.	14	12	17	15	11	17	14	20	17	15	22	18	192
Days with ·04 in. or more.	11	7	12	8	10	16	11	13	9	12	16	13	138

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144w)

(Signed)

[P.T.O.

3381

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1928.

Kept at Nether Grange, Alnmouth,
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
„ Ground „ Sea Level 40 ft. Approx.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·42		·32	·01			·18		·06		·07		1
2		·16	·21	·04	·04				·03		·31		2
3				·02			·02		·05		·21		3
4	·01	·09	·22	·01			·16					·01	4
5	·10	·01	·10				·01		·13	·31	·11		5
6	·15		·03				·08	·06				·04	6
7	·05		·02			·22		·04		·32			7
8		·02	·25			·43		·04	·03	·08	·04		8
9	·01	·03	·11			·28			·04	·09	·05		9
10	·11	·13	·02	·30					·12		·03	·01	10
11		·21	·17	·02	·07	·03		·86		·59	·13	·13	11
12	·01		·26	·01	·02	·03		·08				·01	12
13		·13			·08	1·70		·14		·01	·01		13
14	·05	·01	·05			·26				·05	·07	·06	14
15	·02	·04		·01	·21	·18		·11		·05	·01		15
16	·02	·06	·10	·14		·01		·03	·05	·12	·47	·52	16
17	·04		·20	·01	·02	·16			·02				17
18	·67		·01	·24	·15	·22				·10		·05	18
19			·03	·36	·08	·43		·35		·04	·13		19
20	·03			·18				1·08		·01	·17		20
21	·04					·02		·09	·02	·01	·17	·02	21
22			·08	·02	·01	·02					·04		22
23	·08		·04		·01	·01		·08	·02		·32	·01	23
24	·05		·19			·01		·08	·25	·05			24
25	·13	·01				·22		·10	·10	·02	—	—	25
26	·01	·01	·06		·10	·15	·34	·42	·01	·10			26
27	·07		·06		·03		·12						27
28	·27				·01	·05	·42	·01	·01			·24	28
29	·50	·02	·39			·01	·05	·28	·09	·09	·13	·20	29
30		×		·11		·32	·02		·01	·01		·18	30
31	·19	×	·04	×		×		·05	×	·10	×		31
TOTAL	3·03	0·93	2·96	1·48	0·83	4·76	1·40	3·90	1·04	2·18	2·47	1·48	YEAR'S TOTAL 26·46
Days with ·01 in. or more.	23	14	23	15	13	21	10	18	17	19	18	13	204
Days with ·04 in. or more.	16	7	18	7	7	13	7	16	9	15	15	8	138

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(Signed) Ella Pease [P.T.O.

3464

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Nether Grange Alnmouth

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 40 ft.

Feb ½ low.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	·12					·08	·07		·06		·02	1
2		·09		·01		·49	··	·28		·05		·06	2
3					·16	·03	·05	·14	·03			·09	3
4			·21	·27	·13		1·11	·62			·16	·04	4
5	·03	·01				·11	·06	·14		·30			5
6					·29	·33	·10	·50		·08		·25	6
7				·02						·40	·06	·01	7
8		·02			·11	·02		·02	·03	·21	·08	·22	8
9	·40			·08	·01	·10	·06				·65		9
10	·11				·04	·04	·02	·10				·26	10
11	·02	·05			·02			·07				·13	11
12	·01	·05			·10	·31		~~[illegible]~~				·01	12
13	·10				·02	·06		·20					13
14	·02	·02											14
15	·06	·16			·09	·02							15
16								·15					16
17								·09			·69		17
18	·13										·50		18
19		·03		·04							·05		19
20								·01	·06	·03		·23	20
21						·06	·21	·15				·11	21
22		·02	·06	·02			·25	·07				·15	22
23	·26			·05				·06		·44	·05	·65	23
24	·05				·20					·08	·01	·53	24
25		·17								~~[illegible]~~	·55	·09	25
26	·02			·12				·34		·25	·17	·05	26
27	·01			·42						·14	·08		27
28	·46			·26			·18		·28	·21	·20	·65	28
29	·20							·06		·09	·04	·01	29
30	·01	×					·25		·33		·56		30
31	·11	×	·08	×		×	·70		×		×	·13	31
TOTAL	2·02	0·74	0·35	1·28	1·17	1·65	3·07	3·07	0·73	2·34	3·85	3·69	YEAR'S TOTAL 23·96
Days with ·01 in. or more.	18	11	3	10	11	11	12	18	5	13	15	20	147
Days with ·04 in. or more.	10	6	3	7	8	8	11	16	3	12	14	16	114

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(Signed) Ella Pease

[P.T.O.

3534

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Nether Grange Alnmouth

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 40 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.00	0.20	0.00	0.20	0.00	0.03	0.00	0.74	0.00	0.00	0.46	0.00	1
2	0.06	0.09	0.00	0.27	0.00	0.00	0.00	0.16	0.00	0.00	0.42	0.00	2
3	0.04	0.12	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.24	0.36	0.00	3
4	0.03	0.08	0.00	0.01	0.02	0.00	0.18	0.14	0.05	0.17	0.00	0.00	4
5	0.00	0.14	0.10	0.03	0.03	0.00	0.00	0.05	0.00	0.00	0.00	0.00	5
6	0.01	0.06	0.00	0.14	0.00	0.00	0.00	0.18	0.07	0.05	0.00	0.05	6
7	0.04	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.20	0.26	0.06	0.26	7
8	0.05	0.00	0.00	0.02	0.23	0.00	0.00	0.10	0.00	0.00	0.00	0.00	8
9	0.00	0.00	0.12	0.26	0.28	0.00	0.00	0.04	0.20	0.55	0.00	0.00	9
10	0.10	0.00	0.03	0.00	0.02	0.00	0.11	0.00	0.17	0.00	0.00	0.00	10
11	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.60	11
12	0.35	0.00	0.00	0.02	0.03	0.00	0.00	0.16	0.11	0.02	0.00	0.11	12
13	0.35	0.00	0.08	0.06	0.14	0.00	0.17	0.25	0.23	0.00	0.00	0.00	13
14	0.29	0.00	0.11	0.00	0.07	0.00	0.12	0.00	0.14	0.00	0.30	0.44	14
15	0.00	0.06	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.03	0.01	15
16	0.02	0.00	0.90	0.00	0.00	0.05	0.58	0.00	0.00	0.05	0.00	0.05	16
17	0.08	0.00	0.15	0.08	0.15	0.03	0.21	0.03	0.00	0.02	0.43	0.00	17
18	0.03	0.00	0.00	0.19	0.03	0.00	0.24	0.00	0.61	0.00	0.34	0.00	18
19	0.00	0.00	0.00	0.00	0.00	0.05	0.03	0.00	0.03	0.16	0.35	0.00	19
20	0.00	0.00	0.14	0.09	0.00	0.01	0.39	0.42	0.46	0.00	0.35	0.00	20
21	0.00	0.06	0.00	0.00	0.00	0.27	0.39	0.21	0.11	0.36	0.00	0.00	21
22	0.00	0.00	0.00	0.00	0.00	0.01	1.01	0.00	0.00	0.08	0.00	0.00	22
23	0.05	0.00	0.00	0.17	0.11	0.15	0.39	0.00	0.02	0.00	0.23	0.00	23
24	0.00	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.08	24
25	0.00	0.07	0.00	0.01	0.00	0.00	0.00	0.04	0.09	0.00	0.12	0.12	25
26	0.40	0.03	0.00	0.07	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.40	26
27	0.18	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.15	27
28	0.00	0.00	0.02	0.02	0.00	0.12	0.11	0.00	0.03	0.00	0.13	0.12	28
29	0.00	0.00	0.10	0.01	0.00	0.00	0.44	1.49	0.00	0.02	0.00	0.25	29
30	0.00	×	0.00	0.00	0.00	0.10	0.00	0.60	0.00	0.00	0.00	0.08	30
31	0.20	×	0.01	×	0.00	×	0.00	0.00	×	0.04	×	0.00	31
													YEAR'S TOTAL
TOTAL	2.28	0.91	1.99	1.86	1.22	0.82	4.39	4.62	2.73	2.59	3.58	2.72	29.71
*Days with ·01 in. or more.	17	10	13	19	12	10	15	16	17	15	13	14	171
*Days with ·04 in. or more.	13	9	9	11	7	6	12	14	13	12	12	13	131

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(*Signed*) E. Pease

[P.T.O.

*See Instruction 2 (*f*) on other side.

3332

FORM A. 2. **METEOROLOGIC** NIZATION.

REGI

ALNWICK
– CASTLE
NORTHUMBERLAND
1921 - 1922

Kept at Alnwick Ca

in the County of Nort

by R. Kyle, for the Duk

43' W

O.T.

Gauge .... in.

Ground 1 ft. - in.

Sea Level 181 ft.

IMPORTANT NOTE.—Ra ... red to the previous day.
If an Observer prefers not to c ... ed to add the reading at 9 a.m. on 1st January of the following year ... the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	04	-	-	-	-	-	-	15.0	4.7	-	-	-	1
2	1.1	-	-	-	1.5	-	-	2.5	-	0.2	2.6	-	2
3	27	-	1.5	-	0.1	-	0.2	0.5	-	10.3	1.9	-	3
4	3.1	-	8.2	-	2.2	-	-	0.7	-	0.6	0.2	2.5	4
5	26	0.5	3.6	-	6.6	-	-	8.6	-	-	18.3	4.1	5
6	-	1.5	2.1	-	4.5	-	6.7	-	-	0.9	0.8	-	6
7	-	1.8	-	-	-	-	-	-	-	-	1.6	2.1	7
8	-	0.7	-	-	2.7	8.9	-	0.2	-	-	1.5	-	8
9	23	-	-	-	-	0.2	-	2.5	3.6	-	-	-	9
10	180	-	-	-	2.4	0.2	-	6.9	2.1	1.2	-	-	10
11	1.3	-	-	-	1.2	-	-	5.8	-	-	2.4	-	11
12	179	-	0.2	-	-	0.6	-	2.9	4.2	-	-	-	12
13	-	-	0.8	3.5	-	-	-	-	225	2.8	-	-	13
14	-	-	0.4	0.6	3.9	-	-	0.8	0.2	-	0.3	0.3	14
15	-	-	3.3	0.8	-	-	2.8	-	-	-	-	1.0	15
16	3.5	-	1.6	2.4	0.8	-	-	2.3	-	-	0.7	-	16
17	32	-	0.6	7.0	-	0.2	-	0.3	-	-	2.5	-	17
18	-	-	0.4	3.0	-	-	0.5	-	-	-	17.4	3.2	18
19	-	-	0.8	-	-	0.6	-	-	-	3.7	2.5	1.5	19
20	-	-	-	-	-	1.8	-	18.5	-	1.2	1.8	1.2	20
21	03	-	0.7	1.2	-	2.3	-	19.6	-	18.9	3.7	-	21
22	-	-	-	2.2	-	11.4	5.5	-	-	58.5	2.5	-	22
23	80	-	-	1.2	-	-	2.0	-	-	0.7	-	2.9	23
24	190	-	0.6	6.6	-	-	5.1	-	0.4	0.6	-	3.9	24
25	1.6	0.1	1.1	-	-	-	1.2	-	-	-	-	-	25
26	-	-	1.2	-	0.9	-	-	4.2	-	-	-	3.9	26
27	1.9	-	-	-	0.5	-	8.6	8.8	-	-	-	4.6	27
28	-	-	0.8	-	4.8	-	27.2	5.2	-	-	1.4	1.2	28
29	-		-	-	1.1	-	2.6	13.5	1.6	-	0.1	2.5	29
30	-		-	-	5.9	-	1.0	-	0.2	0.7	-	5.5	30
31	128		-		1.5		1.9	5.2		3.0		-	31
TOTAL	999	46	27.9	28.5	40.6	26.2 ~~27.2~~	65.3	124.0	35.5	103.3	62.2	40.4	YEAR'S TOTAL 658.4
Days with 0·2 mm. or more	17	4	17	10	15	9	13	20	9	14	17	15	160
Days with 1·0 mm. or more	15	2	8	8	12	4	11	15	6	8	13	14	116

(44,284). 10/19. (52,639). Wt.10,000—359. 1000. 7/20. Gp.132. A.&E.W.

Copied from [illegible]

3332

FORM A. 2. METEOROLOGIC NIZATION.

REGISTER OF RAINFALL IN 1921

Kept at Alnwick Castle
in the County of Northumberland
by R. Kyle, for the Duke of Northumberland, K.G.

Lat. 55°25'N Long. 1°43'W
Time of Observation 9h a.m.T.
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 181 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	0.4	–	–	–	–	–	–	15.0	4.7	–	–	–	1
2	1.1	–	–	–	1.5	–	–	2.5	–	0.2	2.6	–	2
3	27	–	1.5	–	0.1	–	0.2	0.5	–	10.3	1.9	–	3
4	3.1	–	8.2	–	2.2	–	–	0.7	–	0.6	0.2	2.5	4
5	26	0.5	3.6	–	6.6	–	–	8.6	–	–	18.3	4.1	5
6	–	1.5	2.1	–	4.5	–	6.7	–	–	0.9	0.8	–	6
7	–	1.8	–	–	–	–	–	–	–	–	1.6	2.1	7
8	–	0.7	–	–	2.7	8.9	–	0.2	–	–	1.5	–	8
9	2.3	–	–	–	–	0.2	–	2.5	3.6	–	–	–	9
10	182	–	–	–	2.4	0.2	–	6.9	2.1	1.2	–	–	10
11	1.3	–	–	–	1.2	–	–	5.8	–	–	2.4	–	11
12	179	–	0.2	–	–	0.6	–	2.9	4.2	–	–	–	12
13	–	–	0.8	3.5	–	–	–	–	225	2.8	–	–	13
14	–	–	0.4	0.6	3.9	–	–	0.8	0.2	–	0.3	0.3	14
15	–	–	3.3	0.8	–	–	2.8	–	–	–	–	1.0	15
16	3.5	–	1.6	2.4	0.8	–	–	2.3	–	–	0.7	–	16
17	3.2	–	0.6	7.0	–	0.2	–	0.3	–	–	2.5	–	17
18	–	–	0.4	3.0	–	–	0.5	–	–	–	17.4	3.2	18
19	–	–	0.8	–	–	0.6	–	–	–	3.7	2.5	1.5	19
20	–	–	–	–	–	1.8	–	18.5	–	1.2	1.8	1.2	20
21	0.3	–	0.7	1.2	–	2.3	–	19.6	–	18.9	3.7	–	21
22	–	–	–	2.2	–	11.4	5.5	–	–	58.5	2.5	–	22
23	80	–	–	1.2	–	–	2.0	–	–	0.7	–	2.9	23
24	19.0	–	0.6	6.6	–	–	5.1	–	0.4	0.6	–	3.9	24
25	1.6	0.1	1.1	–	–	–	1.2	–	–	–	–	–	25
26	–	–	1.2	–	0.9	–	–	4.2	–	–	–	3.9	26
27	1.9	–	–	–	0.5	–	8.6	8.8	–	–	–	4.6	27
28	–	–	0.8	–	4.8	–	27.2	5.2	–	–	1.4	1.2	28
29	–		–	–	1.1	–	2.6	13.5	1.6	–	0.1	2.5	29
30	–		–	–	5.9	–	1.0	–	0.2	0.7	–	5.5	30
31	128		–		1.5		1.9	5.2		3.0		–	31
TOTAL	999	4.6	27.9	28.5	40.6	~~27.2~~ 26.2	65.3	124.0	35.5	103.3	62.2	40.4	YEAR'S TOTAL 658.4
Days with 0·2 mm. or more	17	4	17	10	15	9	13	20	9	14	17	15	160
Days with 1·0 mm. or more	15	2	8	8	12	4	11	15	6	8	13	14	116

(44,284). 10/19. (52,639). Wt.10,000—359. 1000. 7/20. Gp.132. A.&E.W.

Copied from M 3203.

3438

Ex-Pk

FORM A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Alnwick Castle
in the County of Northumberland
by R. Kyle, for the Duke of Northumberland

Lat. 55° 25 Long. 1° 43' W
Time of Observation 9h.
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 181 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	0.3	2.2	–	–	0.5	0.6	2.1	1.4					1
2	–	15.4	1.4	–	1.6	–	–	2.3					2
3	–	21.9	1.1	0.7	0.1	–	–	1.2					3
4	0.2	2.1	4.0	4.0	2.3	–	1.2	–					4
5	0.1	–	3.8	1.0	–	–	47.4	–					5
6	3.6	–	1.0	–	–	–	17.2	–					6
7	2.5	–	1.8	0.7	–	–	–	2.5					7
8	1.9	0.2	0.3	–	–	–	12.5	15.5					8
9	0.2	–	3.4	–	–	1.1	3.1	0.5					9
10	–	–	–	9.8	–	–	–	–					10
11	–	–	–	–	0.4	–	–	–					11
12	–	–	0.2	14.2	0.1	14.5	3.1	3.2			Station stopped		12
13	3.1	0.2	–	0.3	–	1.1	5.2	0.4					13
14	4.2	0.2	–	16.1	–	–	5.4	–					14
15	8.1	1.1	–	–	0.4	–	15.5	2.2					15
16	10.0	2.1	0.6	2.6	7.4	–	0.3	1.4					16
17	–	6.9	–	0.2	0.9	–	–	–					17
18	3.8	–	–	–	2.9	1.3	–	–					18
19	3.2	1.5	1.5	–	0.5	0.4	–	–					19
20	0.5	0.1	1.2	–	–	0.4	–	3.1					20
21	3.6	0.6	2.6	0.1	9.5	–	1.0	3.9					21
22	1.6	5.4	1.4	2.3	11.4	2.5	0.3	2.1					22
23	–	0.1	0.3	3.4	0.2	0.3	–	0.5					23
24	8.0	–	4.3	–	–	1.2	–	2.5					24
25	13.0	0.2	3.2	5.1	–	3.4	0.4	–					25
26	4.4	0.7	1.7	4.0	–	0.1	4.4	–					26
27	8.1	2.2	5.2	1.4	–	1.0	–	–					27
28	6.0	–	0.8	–	–	–	4.7	3.6					28
29	1.3		1.9	–	–	0.1	7.0	–					29
30	1.0	✕	8.1	1.9	–	0.4	1.9	1.8					30
31	0.8	✕	1.2	✕	– ✓	✕	1.2	– ✓	✕		✕		31
TOTAL	89.5	63.1	51.0	67.8	38.2	28.4	133.9	48.1					YEAR'S TOTAL
Days with 0·2 mm. or more	23 ✓	16 ✓	23 ✓	16 ✓	12 ✓	13 ✓	19 ✓	17 ✓					
Days with 1·0 mm. or more	18 ✓	10 ✓	18 ✓	12 ✓	6 ✓	8 ✓	16 ✓	14 ✓					

(44.284). 10/19. (52.639). Wt. 10,000—359. 1000. 7/20. Gp. 132. A.&E.W.

Copied from Form 320 S.

Section **A** for the e[illegible] FOR OFFICIAL USE.

FORM 1090. METEO… …NIZATION.

3586

BOTHAL · C · SCHOOL
ASHINGTON

1925 ~~1914~~ – 30

3306

1919 1922

Kept at Ashi…

in the County of N…

Diameter of Funnel of G…

Height of top of Gauge ab…

" Ground

…sed to read the instructions …ng in this form.

…hould fill in section C

THE MORNIN… …US DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·22	—	·16	—	·05	—	—	·01	—	—	·10	·21	1
2	·04	—	·01	·21	—	—	·04	·40	—	—	·07	·14	2
3	·46	—	·01	—	—	—	—	—	—	·18	·22	—	3
4	·02	—	—	—	·32	—	—	—	·15	—	·04	—	4
5	·01	—	—	·31	·27	—	—	—	—	—	—	—	5
6	—	·01	—	·10	—	—	·03	·04	—	—	·11	—	6
7	—	·01	—	·10	·08	—	·05	·18	—	—	·04	—	7
8	—	·06	·06	·14	·11	—	—	·05	·07	·07	·09	·19	8
9	·01	—	—	—	—	—	·05	·53	·01	—	—	·11	9
10	—	·38	·15	—	—	—	—	—	1·13	—	·19	·01	10
11	—	·43	·03	—	·02	—	—	·24	·02	—	—	·20	11
12	—	·05	—	·04	·01	—	—	·07	—	·04	—	—	12
13	—	·06	·04	·03	—	—	—	·11	—	—	—	·01	13
14	—	·46	—	·10	—	—	—	·20	·03	—	—	·13	14
15	—	·17	—	·05	—	—	—	—	—	—	·01	—	15
16	—	·16	·01	—	—	—	—	—	·11	—	—	—	16
17	—	·16	—	·05	—	—	—	—	·04	·16	—	·11	17
18	—	·02	—	·38	·02	—	—	—	—	—	—	·82	18
19	—	·09	·23	—	·05	—	—	—	—	·02	—	·44	19
20	—	—	·15	—	—	—	—	—	·76	·15	—	·25	20
21	—	—	·05	—	—	—	·39	·01	—	·35	—	·95	21
22	—	·03	—	·03	—	—	—	·09	—	·05	·09	—	22
23	·05	·06	—	—	·25	—	—	·70	·58	·25	·05	—	23
24	—	·21	·05	·01	1·36	—	—	·39	·03	·02	·06	—	24
25	·02	·15	·21	·06	·15	—	—	—	—	·01	·07	—	25
26	·04	·09	·05	·13	·17	—	·58	—	·34	·08	·07	—	26
27	—	·11	—	—	·08	—	·11	·05	—	·01	·08	·05	27
28	·10	·06	—	·01	—	—	·87	·02	—	·36	·67	—	28
29	·22		—	·37	·06	—	·02	—	—	·07	·10	·02	29
30	—	×	—	·58	—	·05	—	—	—	·02	·11	·26	30 710
31	—	×	·19	×	·01	×	·21	—	×	—	×	·20	31
TOTAL	1·19	2·77	1·40	2·70	3·01	·05	·01 ~~2·35~~ 2·36	3·08 ~~3·09~~	3·27	1·84	2·17	4·10	YEAR'S TOTAL 27·94
Days with ·01 in. or more.	11	20	15	18	16	1	10	16	12	16	18	17	170
Days with ·04 in. or more.	7	16	11	14	12	1	8	13	~~7~~ 8	11	~~14~~ 14	14	132 ~~128~~

(Signed) J. Gray [P.T.O.

Section A for the e

cont'd for part WP

FOR OFFICIAL USE.

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

3306

Kept at Ashington

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 8 ft. – in.

" Ground " Sea Level 110 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·22	–	·16	–	·05	–	–	·01	–	–	·10	·21	1
2	·04	–	·01	·21	–	–	·04	·40	–	–	·07	·14	2
3	·46	–	·01	–	–	–	–	–	–	·18	·22	–	3
4	·02	–	–	–	·32	–	–	–	·15	–	·04	–	4
5	·01	–	–	·31	·27	–	–	–	–	–	–	–	5
6	–	·01	–	·10	–	–	·03	·04	–	–	·11	–	6
7	–	·01	–	·10	·08	–	·05	·18	–	–	·04	–	7
8	–	·06	·06	·14	·11	–	–	·05	·07	·07	·09	·19	8
9	·01	–	–	–	–	–	·05	·53	·01	–	–	·11	9
10	–	·38	·15	–	–	–	–	–	1·13	–	·19	·01	10
11	–	·43	·03	–	·02	–	–	·24	·02	–	–	·20	11
12	–	·05	–	·04	·01	–	–	·07	–	·04	–	–	12
13	–	·06	·04	·03	–	–	–	·11	–	–	–	·01	13
14	–	·46	–	·10	–	–	–	·20	·03	–	–	·13	14
15	–	·17	–	·05	–	–	–	–	–	–	·01	–	15
16	–	·16	·01	–	–	–	–	–	·11	–	–	–	16
17	–	·16	–	·05	–	–	–	–	·04	·16	–	·11	17
18	–	·02	–	·38	·02	–	–	–	–	–	–	·82	18
19	–	·09	·23	–	·05	–	–	–	–	·02	–	·44	19
20	–	–	·15	–	–	–	–	–	·76	·15	–	·25	20
21	–	–	·05	–	–	–	·39	·01	–	·35	–	·95	21
22	–	·03	–	·03	–	–	–	·09	–	·05	·09	–	22
23	·05	·06	–	–	·25	–	–	·70	·58	·25	·05	–	23
24	–	·21	·05	·01	1·36	–	–	·39	·03	·02	·06	–	24
25	·02	·15	·21	·06	·15	–	–	–	–	·01	·07	–	25
26	·04	·09	·05	·13	·17	–	·58	–	·34	·08	·07	–	26
27	–	·11	–	–	·08	–	·11	·05	–	·01	·08	·05	27
28	·10	·06	–	·01	–	–	·87	·02	–	·36	·67	–	28
29	·22		–	·37	·06	–	·02	–	–	·07	·10	·02	29
30	–	X	–	·58	–	·05	–	–	–	·02	·11	·26	30 710
31	–	X	·19	X	·01	X	·21	–	X	–	X	·20	31
TOTAL	1·19	2·77	1·40	2·70	3·01	·05	·01 ~~2·35~~ 2·36	3·08 ~~3·09~~	3·27	1·84	2·17	4·10	YEAR'S TOTAL 27·94
Days with ·01 in. or more.	11	20	15	18	16	1	10	16	12	16	18	17	170
Days with ·04 in. or more.	7	16	11	14	12	1	8	13	~~7~~ 8	11	~~14~~ 17	14	132 ~~128~~

(Signed) J. Gray

[P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3306

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1926.

Kept at Ashington

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 8 ft. — in.

„ Ground „ Sea Level 110 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·15	·02	—	—	—	—	—	—	·1	·14	·23	·03	1
2	·21	·21	—	—	—	—	—	—	·06	·02	·23	·04	2
3	·01	—	·13	—	—	—	—	—	—	—	·01	—	3
4	·33	·05	·02	—	·04	—	—	—	—	—	·13	—	4
5	·04	·32	·01	—	·05	—	·2	·48	—	·01	·01	·15	5
6	·1	·4	—	—	·13	—	·93	·3	—	·05	·04	·02	6
7	·17	·15	—	—	·02	·12	—	—	—	—	—	—	7
8	—	·13	—	—	—	·04	—	—	·13	·3	·22	—	8
9	·04	·06	·15	—	·15	·82	·05	—	·05	·08	·01	—	9
10	—	·13	—	—	·09	·2	—	·05	·02	·05	·11	—	10
11	—	·15	—	—	—	·12	—	·09	—	—	·12	—	11
12	—	·04	—	—	·02	·09	—	·05	·16	·45	—	—	12
13	—	—	—	—	·08	·06	—	·05	·02	·2	·07	·12	13
14	—	·22	—	·1	—	·29	—	·07	·32	—	·02	·07	14
15	·16	·01	—	·05	—	·38	—	·04	—	—	·01	—	15
16	·07	·03	—	—	·03	·16	—	·09	·04	—	·26	—	16
17	·07	—	·01	·04	—	—	—	—	—	·09	·01	—	17
18	·16	—	·04	—	—	·02	1·11	·4	—	·01	·5	—	18
19	—	·1	·04	·15	—	·02	·58	·01	1·15	—	—	·02	19
20	—	—	·02	·06	·22	·03	·02	·25	·35	—	·13	·01	20
21	·01	·15	·05	—	·37	—	·02	·12	—	·01	·01	·07	21
22	·23	·03	·05	·04	—	·18	—	·02	—	·15	·25	·01	22
23	·02	—	—	—	—	·08	·18	·03	·09	·02	·09	—	23
24	·02	—	—	·02	·07	—	·38	—	—	·48	—	·05	24
25	·03	—	—	·43	·01	—	—	—	—	·18	·35	·02	25
26	—	·22	—	·01	·62	—	—	—	·35	—	·07	—	26
27	—	·5	·02	·05	—	·06	·14	—	—	·01	·09	·03	27
28	·19	—	—	·1	·16	—	·21	—	—	·21	·13	—	28
29	·22	X	·01	—	·1	—	—	—	—	·42	·26	—	29
30	—	X	—	—	·02	—	—	·11	—	·04	·02	—	30
31	·11	X	·02	X	·01	X	—	—	X	—	X	—	31
TOTAL	2·34	2·92	·57	1·05	2·19	2·67	3·82	2·16	2·84	2·92	3·38	·64	YEAR'S TOTAL 27·50
Days with ·01 in. or more.	20	19	13	11	18	16	11	16	13	20	26	13	196
Days with ·04 in. or more.	15	15	6	9	12	13	9	13	11	14	18	6	141

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) J. Gray

[P.T.O.

32972

Section **A** **for the entry of Daily Observations.**

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

Corr. for Arith.
Circ. D2. sent 22.6.'28.

Kept at Ashington
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 8 ft. – in.
„ Ground „ Sea Level 110 ft.

Days

Revised sheet sent by observer
See encl 3A File 818898/28

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·03	·02	·04	–	·15	·06	–	–	·2	·19	–	1
2	·02	·01	·05	·24	·19	–	–	·01	–	–	·13	–	2
3	–	–	·1	–	–	–	·04	–	–	–	·07	–	3
4	–	–	·05	·23	·4	·01	·05	–	–	–	·03	–	4
5	·02	·08	·25	·03	–	·26	·82	–	–	–	·02	–	5
6	·01	·07	·02	·01	–	·16	·09	–	·04	–	·74	~~·03~~	6
7	–	·14	·21	·3	–	·08	·47	·4	–	–	·13	·03	7
8	·24	–	·03	–	·01	·33	–	·07	·02	·02	·05	·03	8
9	–	–	·01	·29	–	–	–	1·57	–	·01	·24	·03	9
10	–	–	·19	·02	–	–	–	·01	2 ·04	–	·14	–	10
11	·01	–	·01	·02	–	–	·01	·05	·02	–	·48	·05	11
12	·04	–	·1	–	–	–	–	–	–	–	–	·02	12
13	·09	–	·02	–	·24	–	–	–	·02	·26	·07	·09	13
14	–	–	–	–	·1	–	–	·48	–	·01	·12	·42	14
15	–	·03	–	–	·03	–	–	·15	–	·03	·09	·05	15
16	·02	–	–	·06	·06	·19	–	·05	·01	·11	·01	·03	16
17	·01	–	–	–	–	·05	–	·11	–	–	–	·17	17
18	·06	–	·01	–	–	–	–	(·13)	–	·01	–	·05	18
19	–	·01	–	–	–	–	–	·05 ~~·13~~	·12	·03	·32	·2	19
20	·1	–	–	–	·02	·03	–	·06	·99	–	–	·03	20
21	–	·04	·04	–	·13	·02	·11	·56	·78	·62	·15	·36	21
22	–	·03	·2	–	–	·05	·41	·1	·44	·14	·04	·72	22
23	·02	·01	·1	·03	·3	·68	·02	·29	·01	–	·1	·08	23
24	–	·01	·11	·15	·05	·79	·07	·22	·02	·11	–	·09	24
25	·04	·04	·09	·55	–	·72	–	–	·02	·09	–	·06	25
26	·16	·05	–	–	–	·03	·03	–	·18	1·03	–	·03	26
27	·22	·05	–	·02	–	·07	·06	·02	·01	–	–	·03	27
28	·27	·14	·01	·01	–	·01	·06	·18	·31	·23	·01	·01	28
29	·08	–	·11	–	–	–	·1	–	·1	·01	·04	–	29
30	·02	×	–	·01	–	1·23	·04	–	–	–	–	–	30
31	–	×	–	×	·03	×	·01	·01	×	–	×	–	29·79 31
TOTAL	3 1·44	·74	1·73	2·01	1·56	4·26	5 2·48	4·57	3·83	2·01	3·17	2·58	YEAR'S TOTAL ~~30·8~~ 29·57
Days with ·01 in. or more.	18	15	21	16	12	18	17	20	17	16	21	21	212
Days with ·04 in. or more.	9	8	13	8	8	13	13	16	9	9	16	12	138

40-12-1-27
144w)

(Signed) J. Gray

[P.T.O.

Rainfall for 1927
Bothal School, Ashington, Northd

3292

Date	Jan: in.	Feb: in.	March in.	April in.	May in.	June in.	July in.	August in.	Sept: in.	Oct: in.	Nov: in.	Dec: in.	Date
1	—	·03	·02	·04	—	·15	·06	—	—	·2	·19	—	1
2	·02	·01	·05	·24	·19	—	—	·01	—	—	·13	—	2
3	—	—	·1	—	—	—	·04	—	—	—	·07	—	3
4	—	—	·05	·23	·4	·01	·05	—	—	—	·03	—	4
5	·02	·08	·25	·03	—	·26	·82	—	—	—	·02	—	5
6	·01	·07	·02	·01	—	·16	·09	—	·04	—	·13	—	6
7	—	·14	·21	·3	—	·08	·47	·4	—	—	·44	·03	7
8	·24	—	·03	—	·01	·33	—	·07	·02	·02	·05	·03	8
9	—	—	·01	·29	—	—	—	1·57	—	·01	·24	·03	9
10	—	—	·19	·02	—	—	—	·01	·24	—	·14	—	10
11	·01	—	·01	·02	—	—	·01	·05	·02	—	·48	·05	11
12	·04	—	·1	—	—	—	—	—	—	—	—	·02	12
13	·09	—	·02	—	·24	—	—	—	·02	·26	·07	·09	13
14	—	—	—	—	·1	—	—	·48	—	·01	·12	·42	14
15	—	·03	—	—	·03	—	—	·15	—	·03	·09	·05	15
16	·02	—	—	·06	·06	·19	—	·05	·01	·11	·01	·03	16
17	·01	—	·01	—	—	·05	—	·11	—	—	—	·17	17
18	·06	—	—	—	—	—	—	·13	—	·01	—	·05	18
19	—	·01	—	—	—	—	—	·05	·12	·03	·32	·2	19
20	·1	—	—	—	·02	·03	—	·06	·99	—	—	·03	20
21	—	·04	·04	—	·13	·02	·11	·1	·78	·62	·15	·36	21
22	—	·03	·2	—	—	·05	·41	·56	·44	·14	·04	·72	22
23	·02	·01	·1	·03	·3	·68	·02	·29	·01	—	·1	·08	23
24	—	·01	·11	·15	·05	·19	·07	·22	·02	·11	—	·09	24
25	·04	·04	·09	·55	—	·72	—	—	·02	·09	—	·06	25
26	·16	·05	—	—	—	·03	·03	—	·18	·13	—	·03	26
27	·22	·05	—	·02	—	·07	·06	·02	·01	—	—	·03	27
28	·27	·14	·01	·01	—	·01	·06	·18	·31	·23	·01	·01	28
29	·08	—	·11	—	—	—	·1	—	·1	·01	·04	—	29
30	·02	✕	—	·01	—	1·23	·04	—	—	—	—	—	30
31	—	✕	—	✕	·03	✕	·01	·01	✕	—	✕	—	31
Total	1·43	·74	1·73	2·01	1·56	4·26	2·45	4·52	3·33	2·01	3·17	2·58	Years Total 29·79
Days with ·01in or more	18	15	21	16	12	18	17	20	17	16	21	21	212
Days with ·04in or more	9	8	13	8	8	13	13	16	9	9	16	12	134

3376

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Ashington

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 8 ft. – in.

„ Ground „ Sea Level 110 ft.

August 1" [illegible]
I think this is OK

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·35	·05	·49	·06	–	–	·19	–	–	–	·07	–	1
2	–	·04	·18	·04	·02	–	–	–	·02	–	·42	–	2
3	·01	–	–	–	·32	–	–	–	·12	–	·16	–	3
4	·02	·1	·22	·03	–	–	·16	–	–	–	–	·03	4
5	·11	·05	·02	·04	–	–	·02	–	·07	·26	·08	–	5
6	·07	–	–	–	–	–	·02	·05	–	–	–	·09	6
7	·03	–	–	–	–	·3	–	·1	·04	·13	–	–	7
8	–	–	·06	–	–	·38	–	–	·05	–	–	–	8
9	–	·09	·04	–	–	·1	–	–	·03	·08	·03	–	9
10	·09	·09	·1	·28	–	–	–	–	·09	·04	·01	–	10
11	–	·1	·15	·02	–	–	–	1·10	–	·81	·12	·24	11
12	–	·01	·12	·02	·02	·04	–	·03	–	·01	–	·08	12
13	–	·12	·02	·01	·04	·18	–	·04	–	–	·01	·07	13
14	–	·01	·1	–	–	·22	–	–	–	·15	·08	·02	14
15	·12	·1	·02	–	·22	·18	–	·17	–	·05	–	·25	15
16	·09	·07	·08	·06	–	·01	–	–	–	·02	·47	·09	16
17	–	–	·01	–	–	·02	–	–	–	–	–	–	17
18	·48	–	–	·06	·2	·15	–	–	–	·1	·02	·05	18
19	–	–	·04	·19	·32	·31	–	·18	·02	–	·32	–	19
20	·12	·01	–	·34	·02	–	–	1·08	·02	·03	·14	–	20
21	·05	–	–	–	–	–	–	·03	·04	·06	·14	·01	21
22	–	–	·06	·02	·02	·01	–	·01	–	·01	·04	–	22
23	·15	–	·02	·01	·01	–	–	·28	–	–	·25	–	23
24	·07	–	·2	–	·01	·04	–	·22	·16	·1	·01	·02	24
25	·14	–	–	–	–	·18	–	·02	·04	–	–	·14	25
26	–	·02	·06	–	·1	·15	·73	·31	–	·13	–	–	26
27	·04	–	–	–	·02	–	·01	·22	–	·05	–	–	27
28	·23	–	–	–	·04	·02	·2	–	–	–	–	·04	28
29	·36	·04	–	–	–	–	·07	·19	·18	·06	·12	·14	29
30	–	×	–	·05	·01	·03	·01	–	·02	·01	–	·17	30
31	·4	×	·03	×	–	×	–	·06	×	·05	×	–	31
TOTAL	2·93	·9	1·8	1·23	1·37	3·98	1·41	4·09	·9	2·15	2·49	1·44	YEAR'S TOTAL 24·6
Days with ·01 in. or more.	19	15	20	15	15	17	9	17	14	19	17	15	193
Days with ·04 in. or more.	16	11	15	9	7	13	5	13	9	14	13	11	136

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(Signed) J. Gray

[P.T.O.

3457

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Ashington
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 8 ft - in.
,, Ground ,, Sea Level 110 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·11	·18	—	·03	—	·43	·06	·07	—	·14	—	·01	1
2	—	·07	—	·01	—	—	—	·16	—	·13	·01	—	2
3	·03	—	—	—	·01	·05	·02	·16	·06	—	—	·09	3
4	·1	—	—	·32	·07	—	·25	·58	—	·01	·04	·04	4
5	·03	—	—	—	·07	·19	·44	·11	—	·18	·05	—	5
6	·04	—	—	—	·18	·13	·04	·34	—	·07	—	·2	6
7	—	—	—	·02	—	—	·01	—	—	·51	·09	—	7
8	—	·05	—	—	·04	—	—	·03	—	·23	·03	·23	8
9	·25	·02	—	·05	—	·05	—	—	—	—	1·09	—	9
10	·01	·1	—	·01	·07	—	—	·07	—	—	—	·37	10
11	·01	—	—	—	{ ·18	—	—	—	—	—	·04	·07	11
12	—	—	—	—		·43	—	—	·04	—	—	·02	12
13	·12	—	·01	·02	·01	·02	—	·12	—	—	—	—	13
14	·04	·03	—	—	·03	·1	—	·08	—	·02	—	—	14
15	·24	·07	—	—	·05	·02	—	—	—	—	—	—	15
16	—	—	—	—	—	—	·03	·21	—	—	·19	—	16
17	—	—	·01	—	—	—	—	·05	·01	—	·48	—	17
18	—	—	—	·01	—	—	—	—	—	—	·4	—	18
19	·01	—	—	·07	—	—	—	—	·01	·01	·03	—	19
20	—	—	·03	—	—	—	—	·02	·03	·02	—	·13	20
21	—	·12	·21	—	—	·15	·08	·18	—	—	—	·08	21
22	—	·09	—	·04	—	—	·51	·09	—	—	—	·11	22
23	·07	·06	—	·13	—	·03	—	—	—	·4	·1	·35	23
24	·13	·11	—	·03	·3	—	—	—	—	·16	·02	·5	24
25	·07	·02	—	—	—	—	—	—	—	—	·4	·36	25
26	—	—	—	·21	—	—	—	—	—	·12	·02	·04	26
27	·12	—	—	{ ·52	—	—	—	·53	—	·13	·08	·01	27
28	·16	—	—		—	—	·25	—	·65	·08	·17	·45	28
29	·2	—	—	·01	—	—	·09	·08	·01	·12	·06	·03	29
30	—	✕	—	—	—	—	·45	—	·04	·04	·36	—	30
31	·05	✕	·06	✕	—	✕	·68	—	✕	—	✕	·08	31
TOTAL	1·79	·92	·32	1·48	1·01	1·6	2·91	2·88	·85	2·45	3·66	3·17	YEAR'S TOTAL 23·04
Days with ·01 in. or more.	19	12	5	15	11	11	13	17	8	17	19	19	166
Days with ·04 in. or more.	14	9	2	7	8	8	10	15	4	14	14	15	120

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(Signed) J. Gray [P.T.O.

3528

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER ~~OF~~ RAINFALL IN 1930.

Kept at (Bothal School,) Ashington

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 8 ft. in.

,, Ground ,, Sea Level 110 ft.

Formerly called Morpeth (Ashington) File 618898/29

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·13	·32	—	·18	—	—	—	·44	—	—	·39	—	1
2	·03	·17	—	·33	—	·02	·05	·20	—	—	·57	—	2
3	—	·11	—	—	·03	—	—	·03	—	·31	·15	—	3
4	·02	·05	—	·03	·01	—	·02	·27	·05	·19	—	—	4
5	—	·28	·07	·13	—	—	—	·08	—	—	—	·02	5
6	—	·03	·06	—	·03	—	—	—	·32	·05	—	—	6
7	·06	—	—	—	·19	—	—	·13	·19	·14	·02	·23	7
8	·05	·01	—	·02	·24	—	—	—	—	·43	·01	·03	8
9	·05	—	·12	·27	·28	—	—	·06	·25	—	—	—	9
10	·12	—	·02	—	·06	—	·04	·04	·20	—	—	·03	10
11	·10	—	·02	—	·01	—	—	—	—	·07	—	·32	11
12	·25	—	·03	·05	·07	—	—	·31	·26	—	—	·15	12
13	·28	—	·01	·02	·11	—	—	·21	·09	—	—	·02	13
14	·42	·03	·08	—	·07	—	·37	—	·04	—	·24	·63	14
15	—	·04	·52	—	—	—	·02	—	—	·42	·12	—	15
16	·02	·03	·42	—	—	—	—	—	—	—	—	·04	16
17	—	—	·03	·11	·20	·04	·78	·04	·60	—	—	—	17
18	—	—	·12	·06	—	·18	—	—	·01	—	·48	—	18
19	—	—	·01	·05	—	·09	·01	·09	·40	·18	·03	—	19
20	—	—	·19	·10	—	·04	·87	·40	·32	—	·31	—	20
21	—	—	·12	·01	—	·12	·27	·28	—	·09	·49	—	21
22	·09	·04	—	—	—	—	·70	—	—	·07	·36	—	22
23	—	·02	—	·08	·08	—	·26	·02	—	—	·01	·01	23
24	·05	·07	—	·06	—	—	—	·03	—	—	·24	·02	24
25	—	·06	—	·02	—	—	—	·01	·01	—	·06	·16	25
26	·47	·01	—	·01	—	—	—	·07	·13	—	—	·26	26
27	·27	—	—	·15	—	—	·55	—	·01	—	—	·18	27
28	—	—	—	—	—	—	—	—	·03	—	·06	·01	28
29	—	—	·03	—	—	—	—	·65	·02	·11	—	·37	29
30	—	×	·03	·15	—	—	—	·64	·04	—	—	·15	30
31	·13	×	·08	×	—	×	—	—	×	·11	×	·02	31
TOTAL	2·54	1·27	1·96	1·83	1·38	·49	3·94	4·00	2·97	2·17	3·54	2·65	YEAR'S TOTAL 28·74
*Days with ·01 in. or more.	17	15	18	19	13	6	12	20	18	12	16	18	184
*Days with ·04 in. or more.	14	9	10	12	9	5	9	16	13	12	12	10	131

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(Signed) J. Gray

P.T.O.

*See Instruction 2 (*f*) on other side.

(attached A)

3295

FORM A. 1. METEOROLOGI ... NIZATION.

REG

BARDON MILL

ALLANS GREEN

NORTHUMBERLAND

1921-22

Kept at Allans Green

in the County of Northu

by J. B. Lowe

Gauge .... in.

Ground .... ft. .... in.

Sea Level .... ft.

IMPORTANT NOTE.—Ra be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·13	·08	·05					39	05			·09	1
2	·22				·04			·27		01	·08		2
3	·04		·10	·01				·22		·20	·13		3
4	·20		·21	·01	·10	05		·01		·06	·04	·11	4
5	·04	·02	·40		·28	·02		·81			·20	·01	5
6	·07				·30		04	·15		·02		·54	6
7	·04		·10					·08		·03		·02	7
8	·10	·03			·04	·32		·05				·01	8
9	·41			·01		·02		·09	·08		·02	·03	9
10	·47							·15	·06				10
11	·10				·05			·33	·02				11
12	·03				·17	·03		·11	·07				12
13		·02	·20	·16				05	1·05	·07	·02		13
14			·05		·12		·03		·05			·10	14
15	·08		·06			·01	·20		·04				15
16	·42		08	·03	·02		·29	·18		·01			16
17	·53		·29		·13		·01	·05			·04	·02	17
18	·03		·10	·09		·02	·02	·01			·16	·25	18
19	·02		·06		·03		·01	·02		·38	·14	·20	19
20	·61							09			05	·15	20
21	·08		·04			·02	·11	·20		·94	·09	·08	21
22	·03			·06		·04	·34	·09		1·05	·04	·17	22
23	·22		·02			·01	·11	·01	07	(·03)			23
24	·62	·01	·15	·05			·09					·10	24
25	·21		·08	·03	·02								25
26	·03		·04	04	·03	·02	·05	·09				·49	26
27	·02		·06		·02		·04	40			·01	·28	27
28		·01	·61		·05		·26	·49			05	·08	28
29	·04		·03		·02		·05	1·05	·01			·20	29
30	·01	✕			·15		·06					·30	30
31	·09	✕		✕	·12	✕	·08	24	✕	44	✕	·07	31
TOTAL	4·89 ~~4·29~~	·17	2·73	·49	1·69	·56	1·79	5·63 ~~5·73~~	1·50	3·24	1·07	3·30	YEAR'S TOTAL 27·06 ~~26·56~~
Days with ·01 in. or more	28	6	20	10	18	11	17	26 ~~27~~	10	12	14	21	193 ~~194~~
Days with ·04 in. or more	21 ~~20~~	1	18	5	11	3	13	22	8	7 ~~6~~	11	16	136 ~~134~~

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

attached A) 3295

FORM A. 1. METEOROLOGICAL ~~OFFICE.—BRITISH~~ RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921

Kept at Allans Green Barton Hill

in the County of Northumberland

by J. B. Lowe

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

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Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·13	·08	·05					·39	·05			·09	1
2	·22				·04			·27		01	·08		2
3	·04		·10	·01				·22		·20	·13		3
4	·20		·21	·01	·10	·05		·01		·06	·04	·11	4
5	·04	·02	·40		·28	·02		·81			·20	·01	5
6	·07				·30		·04	·15		·02		·54	6
7	·04		·10					·08		·03		·02	7
8	·10	·03			·04	·32		·05				·01	8
9	·41			·01		·02		·09	·08		·02	·03	9
10	·47							·15	·06				10
11	·10				·05			·33	·02				11
12	·03				·17	·03		·11	·07				12
13		·02	·20	·16				·05	1·05	·07	·02		13
14			·05		·12		·03		·05			·10	14
15	·08		·06			·01	·20		·04				15
16	·42		·08	·03	·02		·29	·18		·01			16
17	·53		·29		·13		·01	·05			·04	·02	17
18	·03		·10	·09		·02	·02	·01			·16	·25	18
19	·02		·06		·03		·01	·02		·38	·14	·20	19
20	·61							·09			·05	·15	20
21	·08		·04			·02	·11	·20		·94	·09	·08	21
22	·03			·06		·04	·34	·09		1·05	·04	·17	22
23	·22		·02			·01	·11	·01	·07	(·03)			23
24	·62	·01	·15	·05			·09					·10	24
25	·21		·08	·03	·02								25
26	·03		·04	·04	·03	·02	·05	·09				·49	26
27	·02		·06		·02		·04	·40			·01	·28	27
28		·01	·61		·05		·26	·49			·05	·08	28
29	·04		·03		·02		·05	1·05	·01			·20	29
30	·01	×			·15		·06					·30	30
31	·09	×		×	·12	×	·08	·24	×	·44	×	·07	31
TOTAL	~~4·29~~ 4·89	·17	2·73	·49	1·69	·56	1·79	~~5·73~~ 5·63	1·50	3·24	1·07	3·30	YEAR'S TOTAL ~~26.56~~ 27·06
Days with ·01 in. or more	28	6	20	10	18	11	17	~~27~~ 26	10	12	14	21	~~194~~ 193
Days with ·04 in. or more	~~20~~ 21	1	18	5	11	3	13	22	8	~~6~~ 7	11	16	~~134~~ 136

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

AIR MINISTRY.

Form 1090 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

(formerly B.R.O. Form A.1).

REGISTER OF RAINFALL IN 192.........

26 JUN 1922

Kept at Allans Green

in the County of Northumberland

by John B. Lowes.

Lat.............. Long..............

Time of Observation 9 A. M.

Nearest Railway Station Bardon Mill

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground..........ft..........in.

" " " " Sea Level..........ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30		X											30
31		X		X		X			X		X		31
Total	4·89	-17	2·73	·49	1·69	·56	1·79	5·63	1·50	3·24	1·07	3·30	Year's Total 27·06
Days with ·01 in. or more													
Days with ·04 in. or more													

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

347 3403

AIR MINISTRY.

FORM 1090 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

(formerly B.R.O. Form A.1).

REGISTER OF RAINFALL IN 1922

23 JAN 1923

Kept at Bardon Mill, Allans Green

in the County of Northumberland

by J. B. Lowe (Died Sept.)

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Funnel of Rain Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following. ☐

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·60	·10	·02	·03			·10	·10	·56			·19	1
2		·53	·04				·28	·06				·20	2
3		·21	·03	·10	·04					·02		·01	3
4			·40		·11		·04	·01		·05	·01	·17	4
5			·90		·05		·90			·32	·05		5
6	·18		·28		·11		·48	·20			·09	·07	6
7	·11	·04	·08				·02	·90	·06		·01		7
8	·15		·10				·30			·03	·02		8
9	·21		·06				·04			·02			9
10	·20					·04					·50		10
11	·02				·03							·10	11
12		·02	·02	·58			·28	·20	·03	·01		·20	12
13	·04			·04		·64	·03	·03	1·04			·12	13
14		·06		1·28		·10	·02	·01	·20			·30	14
15	·02	·10		·15			·50	·02				·45	15
16		·11			·02		·10	·20	·16	·03		·15	16
17		·30			·16			·10	·36	·02		·10	17
18	·15	·02			·11	·11			·03	·01		·14	18
19	·30	·17	·06		·05	·02		·03	·12			·10	19
20	·02	·13	·04		·01	·04	·03	·06	·49	·03		·31	20
21	·12	·10	·02	·02	·02	·03	·10	·31	1·05			·41	21
22	·01	·21		·03	·25	·39		·13		·01		·02	22
23		·04	·05	·06		·06						·25	23
24	·02		·20	·11		·32		·03				·09	24
25	·11	31	·14	·10		·38	·03		·06		·12	·15	25
26	·22	18	·01	·54	·02	·64		·01	·16	·08	·01	·27	26
27	·65	·52	·10	·12		·52	·03		·04	·04		·25	27
28	·14	·02	09	·02		·02	·06	·30	·55	·09	·02	·84	28
29			11	·14		·45	·60			·01	·01	·48	29
30	·01	✕	·02	·13		·14	·42	·03	·30	·01	·10	·49	30
31	·02	✕	·03	✕		✕	·22		✕	·11	✕		31
TOTAL	3·30	3·17	2·80	3·45	·98	3·90	4·58	2·73	5·21	·89 ~~·97~~	·94	5.86	YEAR'S TOTAL 27·81 ~~37·89~~
Days with ·01 in. or more	21	19	22	16	13	16	21	19	16	17 10	11	25	152
Days with ·04 in. or more	14	16	15	12	8	13	15	11	14	6 ~~7~~	5	23	

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

BEAL
LOWLYNN
NORTHUMBERLAND
1921 - 1922

3335

4 JAN 1922

FORM A. 1. METEOROLOG… …ANIZATION.

REC… …1.

Kept at Lowlyn… …l.m
in the County of Nor… …Beal NER
by H L Patt… …in Gauge ~~Sundley~~
…ove Ground 2 ft. 0 in.
…, Sea Level 200 ft.

IMPORTANT NOTE.– … entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1								·55	·15				1
2		·05						·19			·15		2
3	·17				·40		·02	·24		·34	·07		3
4	·75		·29		·07								4
5		·02			·11			·21			·39	·15	5
6					·16								6
7			·26										7
8					·20	·09							8
9	~~·25~~							·04					9
10	·25							·25	·06	·11	·23		10
11								·19					11
12	·52							·06					12
13					·05				·90				13
14		·09	·19					·07					14
15			·05	·20			·11	·25				·07	15
16	·27			·11	·11								16
17											·14		17
18							·11				·62	·05	18
19						·05				·10	·11	·23	19
20						·04		·50			·15		20
21						·10	·19	·89			·05	·10	21
22						·16				2·04	·06		22
23	·57						·08		·18				23
24	·83			·10			·40					·14	24
25							·09						25
26			·04		·14			·18				·07	26
27	·27						·28	·30				·17	27
28					·11		·95	·04			·09		28
29			·08				·28	·31	·07			·10	29
30		X			·76							·28	30
31	·56	X		X		X	·05	·41	X	·11	X		31
TOTAL	4·19 ✓	·16 ✓	·91 ✓	·41 ✓	1·51 ✓	·44 ✓	2·56 ✓	4·68 ✓	1·36 ✓	2·70 ✓	2·06 ✓	1·36 ✓	YEAR'S TOTAL 22·34
Days with ·01 in. or more	9 ✓	3 ✓	6 ✓	3 ✓	10 ✓	~~4~~5	11 ✓	17 ✓	5 ✓	5 ✓	11 ✓	10 ✓	~~95~~ ✓
Days with ·04 in. or more	9 ✓	2 ✓	6 ✓	3 ✓	10 ✓	~~4~~5	10	17 ✓	5 ✓	5 ✓	11 ✓	10 ✓	~~93~~ ✓

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3335

4 JAN 1922

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921.

Kept at Lowlynn Beal,
in the County of Northumberland
by H L Pattinson

Lat.
Long.
Time of Observation 9 a.m.
Nearest Railway Station Beal NER
Diameter of Funnel of Rain Gauge [illegible]
Height of top of Gauge above Ground 2 ft. 0 in.
" " " " Sea Level 200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1								·55	·15				1
2		·05						·19			·15		2
3	·17				·40		·02	·24		·34	·07		3
4	·75		·29		·07								4
5		·02			·11			·21			·39	·15	5
6					·16								6
7			·26										7
8					·20	·09							8
9	~~·25~~							·04					9
10	·25							·25	·06	·11	·23		10
11								·19					11
12	·52							·06					12
13					·05				·90				13
14		·09	·19					·07					14
15			·05	·20			·11	·25				·07	15
16	·27			·11	·11								16
17											·14		17
18							·11				·62	·05	18
19						·05				·10	·11	·23	19
20						·04		·50			·15		20
21						·10	·19	·89			·05	·10	21
22						·16				2·04	·06		22
23	·57						·08		·18				23
24	·83			·10			·40					·14	24
25							·09						25
26			·04		·14			·18				·07	26
27	·27						·28	·30				·17	27
28					·11		·95	·04			·09		28
29			·08				·28	·31	·07			·10	29
30		✕			·16							·28	30
31	·56	✕		✕		✕	·05	·41	✕	·11	✕		31
TOTAL	4·19	·16	·91	·41	1·51	·44	2·56	4·68	1·36	2·70	2·06	1·36	YEAR'S TOTAL 22·34
Days with ·01 in. or more	9	3	6	3	10	~~4~~5	11	17	5	5	11	10	~~95~~
Days with ·04 in. or more	9	2	6	3	10	~~4~~5	10	17	5	5	11	10	~~93~~

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3441

5-6-23

July 5th [illegible]

AIR MINISTRY.

Form 1090 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**
(*formerly B.R.O. Form A, 1*).

REGISTER OF RAINFALL IN 1922.

Kept at Lowlynn Beal
in the County of Northumberland
by H L Patterson

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Beal NER
Diameter of Funnel of Rain Gauge Camden in.
Height of top of Gauge above Ground 2 ft. 0 in.
" " " " Sea Level 200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1							·07		·64				1
2		·15	·05										2
3		·30	·10							·26	·29		3
4							·22			·06			4
5			·06				(1·75)		·06		·48		5
6							·50				·06		6
7	·13			·19								·11	7
8	·10	·25					·34	·55		·05			8
9			·08				·10				·10		9
10										·03	·16		10
11													11
12				·52		·58	·09	·12		·26			12
13				·59		·26	·07						13
14							·07		·24			·03	14
15				·06			·93					·32	15
16		·52						·29	·03			·11	16
17		·22			·24				·09				17
18					·03	·05							18
19		·11							·05	·13			19
20		·06								·09		·72	20
21			·10		·12			·05	·24	·03		·04	21
22	1·50	·34	·13			·11		·06		·06			22
23				·05	·05			·13					23
24			·21						·03	·17			24
25	·50		·15			·38				·06	·18		25
26				·17			·18		·64	·20			26
27	·38	·10	·16			·10			·06		·11		27
28	·24					·05	·05	·08	·85	·57			28
29	·02		·10				·23			·24			29
30				·03				·03	·22	·43		·75	30
31			·18				·27			·11			31
Total	2·87	2·07	1·30	1·61	·44	1·53	(4·87) ~~5·12~~	1·31	3·15	2·72	1·38	2·08	Year's Total (25·33) ~~25·58~~
Days with ·01 in. or more	7	9	11	7	4	7	13	8	12	16	7	7	108
Days with ·04 in. or more	6	9	11	6	3	7	13	7	10	14	7	6	~~100~~

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

From the absence of any record on July 5th — on which date many places in Northumberland show heavy rainfall, — and from the fact that the observer's total for July (& the year) shows 2 inches more than the daily records add up to, I am inclined to think that an item has got left out in the July column.

M.L.F.

June 16 | 23

STATION & TELEGRAMS
BEAL
BERWICK

LOWLYNN,
BEAL,
NORTHUMBERLAND.

Noted. Text for July as posted on return

Mr Pattinson has been away from home Hence the delay in the reply. He is unable to refer to the original entries for June 1922 The gardener keeps a little note book from which the records are made up & destroys or loses it at the end of the year, because sum up each month & record it & he then thinks his duties are over. Mr Pattinson cannot understand how you got the daily figures

in the returned Card. He sends you an annual record of the first year & sent his for 1922 on Jan 7/23 & has a copy.
The number of wet days agrees with yours. Also the greatest fall is ·93" which would not be consistent with a fall of 2" on the 5th.
On the whole, it seems that the fall in July was 3.12 inches (as you say) and 5.12 is a clerical error for which he apologises

H L Pattinson

B.R.
Form C 1

AIR MINISTRY.
METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

PLEASE fill in name of place and month.

RAINFALL at ...Lowlynn Road... in the County of ...Northumberland...

In the Month of ...July... 1922

Date	Inches.	Remarks on the Days.
1	·07	
2	–	
3	–	
4	·22	
5	–	? This was generally a wet day
6	·50	
7	–	
8	·34	
9	·10	
10	–	
11	–	
12	·09	
13	·07	
14	·07	
15	·93	
16	–	
17	–	
18	–	
19	–	
20	–	
21	–	
22	–	
23	–	
24	–	
25	–	
26	·13	
27	–	
28	·08	
29	·23	
30	·27	
31		
TOTAL	5·12	Days with ·01 in. or more........
adds to	3.12	Days with ·04 in. or more........

1st of following month.

Note.—Observations returned on this form should be made at 9 a.m. daily, and entered *to the day preceding* that on which the amount is measured. If this is not done the reading on 1st of following month should be entered in the triangular space below.

Records taken in millimetres should not be entered on this form.

Section **A** for the entry

AIR MINIST

FORM 1090.

REGIS

BELFORD (NEWLANDS)

—

1929 – 1930

1929.

FOR OFFICIAL USE.

INFALL ORGANIZATION.

3465A

BELFO

last in Northumberland 5

Kept at Newlands,

in the County of North

Diameter of Funnel of Gauge 5

Height of top of Gauge above Gro

,, Ground ,, Sea

late Insp X X/NUM/5

[illegible] adjustments

Lee letter in file 966309/29

THE MORNING MEAS **S DAY.**

An observer who does not conform *of the following year in the space on the right of this paragraph.*

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·12	·10	...	·01	...	·64	·17	·04	Trace	·13	·06	·03	1
2	·02	·05	...	·02	...	·03	...	·31	...	·01	·01	·06	2
3	Trace	·02	·02	...	·10	·07	·02	·03	·05	·08	...	·12	3
4	·04	...	Trace	·26	·05	Trace	·86	1·06	·01	·05	·10	·07	4
5	·03	...	...	...	...	·06	·04	·03	Trace	·26	Trace	·03	5
6	·05	...	Trace	...	·29	·70	·17	·80	Trace	·32	...	·37	6
7	·02	...	...	·02	·01	·04	...	...	...	·50	·04	Trace	7
8	...	·03	...	...	·33	·21	·14	Trace	·01	·22	·06	·65	8
9	·51	...	...	·01	Trace	Trace	·16	Trace	·01	...	·60	...	9
10	·03	...	...	...	·11	...	·14	·31	...	...	...	·10	10
11	Trace	...	...	...	Trace	...	·01	·03	...	...	·17	·03	11
12	·03	...	...	...	·11	·24	...	...	...	...	...	·03	12
13	·10	...	...	...	·07	·05	...	·43	...	...	...	·01	13
14	·02	...	...	...	...	...	...	...	·01	...	...	...	14
15	...	...	...	...	·28	·04	...	...	...	...	...	...	15
16	...	...	...	...	...	...	...	·15	...	·03	·50	Trace	16
17	...	...	...	...	...	...	...	·73	...	...	·22	Trace	17
18	Trace	...	...	...	...	·03	...	...	...	...	·32	Trace	18
19	...	...	...	·17	...	·07	...	...	Trace	·01	·02	·01	19
20	...	...	...	...	...	...	...	·02	·01	·07	...	·17	20
21	...	...	·02	...	...	·10	·20	·31	...	...	...	·11	21
22	Trace	·20	...	·02	...	...	·15	·22	...	...	...	·11	22
23	·07	·30	...	·05	...	·03	...	...	...	·24	·08	·48	23
24	·08	...	...	·01	·11	Trace	...	...	...	·01	·01	·42	24
25	·04	...	...	...	...	...	...	...	...	...	·27	·08	25
26	...	...	...	...	...	...	...	...	...	·05	...	·01	26
27	...	...	...	·45	...	...	·01	·17	Trace	·12	·04	...	27
28	...	...	...	·25	...	...	·13	·05	·21	·14	·09	·29	28
29	·24	X	...	...	...	...	·03	·10	·02	·19	·06	·03	29
30	·01	X	...	·01	...	...	·22	Trace	·06	·04	·53	...	30
31	·02	X	·08	X	...	X	·79	·01	X	Trace	X	·04	31
													YEAR'S TOTAL
TOTAL	1·43	·70	·12	1·28	1·46	2·31	3·24	4·80	·39	2·47	3·18	3·25	24·63
Days with ·01 in. or more.	17	6	3	12	10	14	16	18	9	18	18	22	163
Days with ·04 in. or more.	9	4	1	5	9	11	12	13	3	14	14	13	108

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C.H. SANDERSON Esq

(Signed) H. Sanderson

P.T.O.

BELFO

Section A for the entry

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

last in Northumberland 5

REGISTER OF RAINFALL IN 1929.

3465A

Kept at Newlands, Belford

in the County of Northumberland.

Diameter of Funnel of Gauge 5 in. see observations

Height of top of Gauge above Ground 1 ft. for 1927 & 1928.

,, Ground ,, Sea Level 130 ft.

× 1927, 1928 late Insp ×

×/[illegible]/5

10 year Feb may require adjustment short for average See letter in file 966309/40

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·12	·10	...	·01	...	·64	·17	·04	Trace	·13	·06	·03	1
2	·02	·05	...	·02	...	·03	...	·31	...	·01	·01	·06	2
3	Trace	·02	·02	...	·10	·07	·02	·03	·05	·08	...	·12	3
4	·04	...	Trace	·26	·05	Trace	·86	1·06	·01	·05	·10	·07	4
5	·03	...	...	...	...	·06	·04	·03	Trace	·26	Trace	·03	5
6	·05	...	Trace	...	·29	·70	·17	·80	Trace	·32	...	·37	6
7	·02	...	...	·02	·01	·04	...	...	...	·50	·04	Trace	7
8	...	·03	...	...	·33	·21	·14	Trace	·01	·22	·06	·65	8
9	·51	...	...	·01	Trace	Trace	·16	Trace	·01	...	·60	...	9
10	·03	...	...	...	·11	...	·14	·31	...	...	...	·10	10
11	Trace	...	...	...	Trace	...	·01	·03	...	...	·17	·03	11
12	·03	...	...	...	·11	·24	...	...	...	...	...	·03	12
13	·10	...	...	...	·07	·05	...	·43	...	...	...	·01	13
14	·02	...	...	...	...	...	...	...	·01	...	...	...	14
15	...	...	...	...	·28	·04	...	...	...	...	...	...	15
16	...	...	...	...	...	...	...	·15	...	·03	·50	Trace	16
17	...	...	...	...	...	...	...	·73	...	...	·22	Trace	17
18	Trace	...	...	...	...	·03	...	...	...	...	·32	Trace	18
19	...	...	...	·17	...	·07	...	...	Trace	·01	·02	·01	19
20	...	...	...	...	...	...	...	·02	·01	·07	...	·17	20
21	...	...	·02	...	...	·10	·20	·31	...	...	...	·11	21
22	Trace	·20	...	·02	...	...	·15	·22	...	...	...	·11	22
23	·07	·30	...	·05	...	·03	...	...	...	·24	·08	·48	23
24	·08	...	...	·01	·11	Trace	...	...	...	·01	·01	·42	24
25	·04	...	...	...	...	...	...	...	...	...	·27	·08	25
26	...	...	...	...	...	...	...	...	...	·05	...	·01	26
27	...	...	...	·45	...	...	·01	·17	Trace	·12	·04	...	27
28	...	...	...	·25	...	...	·13	·05	·21	·14	·09	·29	28
29	·24	×	...	...	...	...	·03	·10	·02	·19	·06	·03	29
30	·01	×	...	·01	...	...	·22	Trace	·06	·04	·53	...	30
31	·02	×	·08	×	...	×	·79	·01	×	Trace	×	·04	31
TOTAL	1·43	·70	·12	1·28	1·46	2·31	3·24	4·80	·39	2·47	3·18	3·25	YEAR'S TOTAL 24·63
Days with ·01 in. or more.	17	6	3	12	10	14	16	18	9	18	18	22	163
Days with ·04 in. or more.	9	4	1	5	9	11	12	13	3	14	14	13	108

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C. H. SANDERSON Esq

(Signed) C H Sanderson

P.T.O.

3536

Section A for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Newlands Belford

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 3 ft 10 in.

,, Ground ,, Sea Level 130 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·08	·18	...	·29	...	·02	...	·61	...	·01	·26	...	1
2	Trace	·12	...	·18	...	...	...	·10	Trace	...	·44	...	2
3	...	·07	...	Trace	...	Trace	·06	·03	·01	·11	·38	Trace	3
4	·03	·08	...	·05	·01	...	·11	·08	·03	·10	...	Trace	4
5	·01	·45	·10	·07	·02	...	·08	·02	Trace	...	...	Trace	5
6	...	·03	·07	·10	·07	...	...	·02	·10	·09	Trace	·09	6
7	·03	·02	...	Trace	·05	...	...	...	·25	·38	·01	·38	7
8	·11	...	...	·12	·29	...	Trace	·02	...	·84	...	·04	8
9	Trace	...	·02	·14	·04	·02	...	·02	·22	...	...	...	9
10	·11	...	Trace	Trace	·03	...	·06	Trace	·20	...	...	·02	10
11	·01	...	Trace	Trace	Trace	...	...	Trace	Trace	Trace	...	·44	11
12	·18	Trace	·05	·01	·03	...	...	·23	·05	Trace	...	·12	12
13	·19	Trace	·03	·11	·09	...	·14	·22	·33	...	...	Trace	13
14	·23	·03	·01	·02	·01	Trace	·47	...	·05	·03	·37	·63	14
15	...	...	·42	...	Trace	Trace	...	...	Trace	·29	·10	Trace	15
16	·02	Trace	·65	...	...	·02	·29	...	Trace	·05	Trace	·05	16
17	Trace	Trace	·05	·04	·04	·19	1·05	·03	·87	·01	...	Trace	17
18	...	...	·06	·17	...	...	·01	·02	·05	...	·20	...	18
19	Trace	Trace	...	·02	...	·05	Trace	·15	·51	·12	·03	...	19
20	Trace	...	·02	·09	Trace	·05	·26	·49	·12	...	·31	...	20
21	·02	·02	...	...	...	·25	·60	·08	...	·29	·28	...	21
22	·05	·08	...	...	Trace	...	1·81	Trace	·07	·07	·31	...	22
23	Trace	Trace	Trace	·09	·12	·06	·41	·08	...	...	·03	...	23
24	·01	·08	...	·03	Trace	...	Trace	Trace	...	...	·30	·05	24
25	Trace	·06	...	·02	Trace	...	Trace	·07	·12	...	·13	·26	25
26	·31	·07	...	·03	Trace	·01	...	·05	·12	...	...	·39	26
27	·24	Trace	...	·10	...	·04	...	...	·02	...	Trace	·10	27
28	...	Trace	...	·03	...	·09	·91	...	·01	Trace	·02	·25	28
29	Trace	×	·01	Trace	Trace	...	·03	·35	·17	·04	·02	Trace	29
30	Trace	×	...	Trace	...	·14	...	·66	·03	Trace	Trace	·12	30
31	·11	×	Trace	×	...	×	...	...	×	·08	×	·03	31
TOTAL	1·74	1·29	1·49	1·71	·80	·94	6·29	3·33	3·33	2·51	3·19	2·97	YEAR'S TOTAL 29·59
*Days with ·01 in. or more.	17.	13	12	20	12	12	15	20	20	15	16	15	187
*Days with ·04 in. or more.	10	9	7	13	7	8	13	13	15	12	11	13	131

40-9999

(Signed) Ch. H. Sanderson

P.T.O.

*See Instruction 2 (*f*) on other side.

3315

FORM A. 2. **METEOROLOG** … **FALL ORGANIZATION.**

REC … **IN 1921.**

BELLINGHAM
(HIGH GREEN MAN)
NORTHUMBERLAND

1921 - 1930

… 3'N Long 2° 18' W

Kept at Bellingham … …ervation 9h G.M.T.

…lway Station

in the County of Nor… … Funnel of Rain Gauge … in.

by A. Jackson for S… … p of Gauge above Ground … ft. … in.

… ,, ,, Sea Level 848 ft.

IMPORTANT NOTE.— … d the result entered to the previous day.
If an Observer prefers not t… earnestly requested to add the reading at 9 a.m. on 1st … ovided for it at the end of this paragraph. Full instructi… and placing of rain gauges, and particulars as to the Br… *…es for Rainfall Observers,"* sent post-free on application … Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	0.3	1.5	1.1	-	-	0.2	-	21.2	2.5	-	-	0.6	1
2	3.9	0.6	0.6	-	0.5	-	-	3.9	0.8	0.3	5.2	-	2
3	9.7	-	6.2	0.3	-	-	-	1.0	-	8.0	2.9	-	3
4	4.0	0.1	1.3	0.2	-	0.2	-	1.4	-	2.5	0.9	2.1	4
5	2.3	-	7.2	0.4	6.3	- ~~0.3~~	0.3	9.2	-	-	16.4	1.4	5
6	2.6	0.3	1.4	-	3.1	- ~~0.7~~	0.7	1.6	-	0.8	0.2	8.5	6
7	0.4	0.3	0.4	-	-	-	-	1.4	-	0.6	0.8	0.4	7
8	4.9	0.2	-	-	2.9	13.0	-	0.8	-	-	0.2	0.8	8
9	11.2	0.8	-	-	-	0.6	-	4.2	0.7	0.1	-	0.3	9
10	17.7	-	-	-	-	-	-	6.7	7.5	0.5	0.1	0.8	10
11	6.2	0.3	-	0.2	2.5	-	-	8.4	-	0.3	-	-	11
12	26.1	-	-	-	0.2	0.9	0.4	0.9	0.9	-	-	0.4	12
13	0.6	0.2	11.9	6.2	-	-	-	3.0	33.0	2.4	1.5	0.4	13
14	0.1	-	0.9	0.3	1.9	- ~~3.8~~	3.8	0.1	0.4	-	-	4.2	14
15	Trace	0.7	3.3	0.3	-	- ~~5.1~~	5.1	-	0.1	-	0.4	0.4	15
16	7.6	-	2.2	2.4	0.3	- ~~1.6~~	1.6	11.6	-	0.9	2.5	0.3	16
17	6.2	0.2	4.1	0.3	-	-	-	0.1	-	-	0.8	1.1	17
18	0.2	-	2.5	2.3	-	0.3	1.5	0.1	-	0.3	9.9	6.6	18
19	0.3	-	0.7	-	1.7	1.5	-	-	-	2.7	0.6	3.4	19
20	1.0	0.2	-	-	-	2.2	-	11.3	0.1	-	4.1	13.5	20
21	4.8	0.2	2.4	-	-	3.0	1.5	11.2	0.8	20.5	2.9	3.6	21
22	1.8	0.2	0.2	0.8	-	- ~~11.2~~	11.2	1.1	-	13.0	4.5	0.4	22
23	5.6	-	2.4	2.4	-	- ~~1.6~~	1.6	-	0.6	0.3	-	0.9	23
24	11.5	1.1	3.6	0.6	-	- ~~4.5~~	4.5	-	-	0.4	-	2.5	24
25	6.9	0.1	2.3	0.5	4.0	- ~~12.5~~	12.5	-	-	-	0.2	0.6	25
26	2.0	0.2	1.4	0.3	0.3	- ~~0.9~~	0.9	4.8	-	0.4	-	22.6	26
27	0.8	0.3	0.6	1.5	0.2	- ~~5.2~~	5.2	8.7	-	-	0.4	12.9	27
28	0.5	0.2	8.3	-	6.7	- ~~3.5~~	3.5	16.2	0.1	-	2.0	14.3	28
29	5.1		0.6	-	1.4	- ~~0~~	0.8	36.0	0.4	-	0.2	5.9	29
30	0.3	╳	0.4	-	6.3	-	4.9	-	0.1	-	-	13.7	30
31	25.0	╳	-	╳	0.5	╳	6.4	6.3	╳	7.8	╳	1.5	31
TOTAL	169.6	7.7	66.0	19.0	38.8	21.9	66.4	171.3	48.0	61.8	56.7	124.1	YEAR'S TOTAL 851.3
Days with 0·2 mm. or more	29	17	24	16	16	9	18	22	10	17	20	28	226
Days with 1·0 mm. or more	21	2	16	5	10	4	13	20	3	7	10	16	127

(44,284). 10/19. (52,639). Wt.10,000—359. 1000. 7/20. Gp.132. A.&E.W.

Copied from MS 3203

FORM A. 2. METEOROLO FALL ORGANIZATION. 3315

REGISTER OF RAINFALL IN 1921.

Kept at Bellingham MO

in the County of Northumberland

by A. Jackson for Sir C. Morrison Bell, Bart.

Lat. 55° 13' N Long. 2° 18' W

Time of Observation 4h GMT.

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level 848 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	0.3	1.5	1.1	-	-	0.2	-	21.2	2.5	-	-	0.6	1
2	3.9	0.6	0.6	-	0.5	-	-	3.9	0.8	0.3	5.2	-	2
3	9.7	-	6.2	0.3	-	-	-	1.0	-	8.0	2.9	-	3
4	4.0	0.1	1.3	0.2	-	0.2	-	1.4	-	2.5	0.9	2.1	4
5	2.3	-	7.2	0.4	6.3	- ~~0.3~~	0.3	9.3	-	-	16.4	1.4	5
6	2.6	0.3	1.4	-	3.1	- ~~0.7~~	0.7	1.6	-	0.8	0.2	8.5	6
7	0.4	0.3	0.4	-	-	-	-	1.4	-	0.6	0.8	0.4	7
8	4.9	0.2	-	-	2.9	13.0	-	0.8	-	-	0.2	0.8	8
9	11.2	0.8	-	-	-	0.6	-	4.2	0.7	0.1	-	0.3	9
10	17.7	-	-	-	-	-	-	6.7	7.5	0.5	0.1	0.8	10
11	6.2	0.3	-	0.2	2.5	-	-	8.4	-	0.3	-	-	11
12	26.1	-	-	-	0.2	0.9	0.4	0.9	0.9	-	-	0.4	12
13	0.6	0.2	11.9	6.2	-	-	-	3.0	33.0	2.4	1.5	0.4	13
14	0.1	-	0.9	0.3	1.9	- ~~3.8~~	3.8	0.1	0.4	-	-	4.2	14
15	Trace	0.7	3.3	0.3	-	- ~~5.1~~	5.1	-	0.1	-	0.4	0.4	15
16	7.6	-	2.2	2.4	0.3	- ~~1.6~~	1.6	11.6	-	0.9	2.5	0.3	16
17	6.2	0.2	4.1	0.3	-	-	-	0.1	-	-	0.8	1.1	17
18	0.2	-	2.5	2.3	-	0.3	1.5	0.1	-	0.3	9.9	6.6	18
19	0.3	-	0.7	-	1.7	1.5	-	-	-	2.7	0.6	3.4	19
20	1.0	0.2	-	-	-	2.2	-	11.3	0.1	-	4.1	13.5	20
21	4.8	0.2	2.4	-	-	3.0	1.5	11.2	0.8	20.5	2.9	3.6	21
22	1.8	0.2	0.2	0.8	-	- ~~11.2~~	11.2	1.1	-	13.0	4.5	0.4	22
23	5.6	-	2.4	2.4	-	~~1.6~~	1.6	-	0.6	0.3	-	0.9	23
24	11.5	1.1	3.6	0.6	-	- ~~4.5~~	4.5	-	-	0.4	-	2.5	24
25	6.9	0.1	2.3	0.5	4.0	- ~~12.5~~	12.5	-	-	-	0.2	0.6	25
26	2.0	0.2	1.1	0.3	0.3	- ~~0.9~~	0.9	4.8	-	0.4	-	22.6	26
27	0.8	0.3	0.6	1.5	0.2	- ~~5.2~~	5.2	8.7	-	-	0.4	12.9	27
28	0.5	0.2	8.3	-	6.7	- ~~3.5~~	3.5	16.2	0.1	-	2.0	14.3	28
29	5.1		0.6	-	1.4	- ~~0~~	0.8	36.0	0.4	-	0.2	5.9	29
30	0.3	╳	0.4	-	6.3	-	4.9	-	0.1	-	-	13.7	30
31	25.0	╳	-	╳	0.5	╳	6.4	6.3	╳	7.8	╳	1.5	31
TOTAL	169.6	7.7	66.0	19.0	38.8	21.9	66.4	171.3	48.0	61.8	56.7	124.1	YEAR'S TOTAL 851.3
Days with 0·2 mm. or more	29	17	24	16	16	9	18	22	10	17	20	28	226
Days with 1·0 mm. or more	21	2	16	5	10	4	13	20	3	7	10	16	127

(44,284). 10/19. (52,639). Wt.10,000—359. 1000. 7/20. Gp.132. A.&E.W.

Copied from MO 3203

Form A. 2. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1921.

Kept at Highgreen. Bellingham
in the County of Northumberland
by Capt. Sir C. Morrison-Bell Bt.

Lat. 55.12.30 Long. 2.18 W. (approx)
Time of Observation 9 am.
Nearest Railway Station Tarset. N.B. Ry.
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 849 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	0.3	1.5	1.1	–	–	0.2	–	21.2	2.5	–	–	0.6	1
2	3.9	0.6	0.6	–	.5	–	–	3.9	0.8	0.3	5.2	–	2
3	9.7	–	6.2	0.3	–	–	–	1.0	–	8.0	2.9	–	3
4	4.0	0.1	1.3	0.2	–	0.2	–	1.4	–	2.5	0.9	2.4	4
5	2.3	–	7.2	0.4	6.3	–	0.3	9.3	–	–	16.4	1.4	5
6	2.6	0.3	1.4	–	3.1	–	0.7	1.6	–	0.8	0.2	8.5	6
7	0.4	0.3	0.4	–	–	–	–	1.4	–	0.6	0.8	0.4	7
8	4.9	0.2	–	–	2.9	13.0	–	0.8	–	–	0.2	0.8	8
9	11.2	0.8	–	–	–	0.6	–	4.2	0.7	0.1	–	0.3	9
10	17.7	–	–	–	–	–	–	6.7	7.5	0.5	0.1	0.8	10
11	6.2	0.3	–	0.2	2.5	–	–	8.4	–	0.3	–	T	11
12	26.1	–	–	–	.2	0.9	0.4	0.9	0.9	–	–	0.4	12
13	0.6	0.2	11.9	6.2	–	–	–	3.0	33.0	2.4	1.5	0.4	13
14	0.1	–	0.9	0.3	1.9	–	3.8	0.1	0.4	–	–	4.2	14
15	–	0.7	3.3	0.3	–	–	5.1	–	0.1	–	0.4	0.4	15
16	7.6	–	2.2	2.4	.3	–	1.6	11.6	–	0.9	2.5	0.3	16
17	6.2	0.2	4.1	0.3	–	–	–	0.1	–	–	0.8	1.1	17
18	0.2	–	2.5	2.3	–	0.3	1.5	0.1	–	0.3	9.9	6.6	18
19	0.3	–	0.7	–	1.7	–	–	–	–	2.7	0.6	3.4	19
20	1.0	0.2	–	–	–	1.5	–	11.3	0.1	–	4.1	13.5	20
21	4.8	0.2	2.4	–	–	2.2	1.5	11.2	0.8	20.5	2.9	3.6	21
22	1.8	0.2	0.2	0.8	–	3.0	11.2	1.1	–	13.0	4.5	0.4	22
23	5.6	–	2.4	2.4	–	–	1.6	–	0.6	0.3	–	0.9	23
24	11.5	1.1	3.6	0.6	–	–	4.5	–	–	0.4	–	2.5	24
25	6.9	0.1	2.3	0.5	4.0	–	12.5	–	–	–	0.2	0.6	25
26	2.0	0.2	1.4	0.3	.3	–	0.9	4.8	–	0.4	–	22.6	26
27	0.8	0.3	0.6	1.5	.2	–	5.2	8.7	–	–	0.4	12.9	27
28	0.5	0.2	8.3	–	6.7	–	3.5	16.2	0.1	–	2.0	14.3	28
29	5.1	╳	0.6	–	1.4	–	0.8	36.0	0.4	–	0.2	5.9	29
30	0.3	╳	0.4	–	6.3	–	4.9	–	0.1	–	–	13.7	30
31	25.0	╳	–	╳	.5	╳	6.4	6.3	╳	7.8	╳	1.5	31
TOTAL	169.6 ✓	7.7 ✓	66.0 ✓	19.0	38.3 ✓	21.9 ✓	66.4 ✓	171.3 ✓	48.0	61.8 ✓	56.7 ✓	124.1 ✓	YEAR'S TOTAL ✓ 851.3
Days with 0·2 mm. or more	29 ✓	17 ✓	24 ✓	16 ✓	16 ✓	9 ✓	18 ✓	22 ✓	10 ✓	19 ✓	20 ✓	28 ✓	226 ✓
Days with 1·0 mm. or more	21 ✓	2 ✓	16 ✓	5 ✓	10 ✓	4 ✓	13 ✓	~~14~~ 20	3 ✓	7 ✓	10 ✓	16 ✓	~~120~~ ✓ 127

(44,284). 10/19. (52,639). Wt.10,000—359. 1000. 7/20. Gp.132. A.&E.W.

from A2

3422

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Highgreen, Bellingham (Highgreen Manor)
in the County of Northumberland
by Capt. Sir C. Morrison-Bell Bt.

Lat. 55.12.30 Long. 2.10.0 W (approx).
Time of Observation 9 a.m.
Nearest Railway Station Tarset, NBRy.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 849 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	·22	·15			·01		·13	·11	·33			·24	1
2		·37	·07	·01	·03		·17	·15		·04	·02		2
3		·63	·17	·03	·04		·02			·15	·05	·01	3
4		·04	·28	·01	·07		·05		·08	·01			4
5			·70	·04			·91		·12	·32	·22	·06	5
6	·21	·01	·07		·25		·55		·08		·04		6
7	·12	·01	·28					·43				·09	7
8	·12		·03				·50	·36	·08	·01	·01	·08	8
9	·24		·09			02	·09				·05		9
10	·09		·03	·02							·11		10
11								·01	·12			·12	11
12			·01	·50		·39	·12	·20	·35	·05	·01	·10	12
13	·39			·06		·08	·06	·08	·86		·04	·59	13
14		·03		·63		·07		·01	·07		·04	·04	14
15	(·51) ~~·32~~	·10		·24			·40	·06	·02			·06	15
16	·09	·06		·14	·17		·02	·24	·23			·43	16
17		·48		·01	·18			·10	·17			·03	17
18	(·59)	·02			·08	·11			·07	·10	·02	·08	18
19	·12	·09	·05			·02			·02	·02		·04	19
20	·06	·12	·10		·05	·02	·08	·10	·39	·11		·63	20
21		·49	·02		·03	·14		·17	·37	·03	·03	·19	21
22	·03	·43	·05		·30	·17		·07		·07		·06	22
23		·28		·06	·17	·06			·01	·02			23
24	·09		·18			·08		·05	·20			·18	24
25	·26	·05	·06	·04	·01	·14	·01		·01	·01	·02	·11	25
26	·19	·08	·02	·09			·04	·02	·09	·09	·02	·16	26
27	·62	·13	·18	·15		·13		·04	·35	·14	·02	·09	27
28	·08	·01					·23	·17	·39	·22		·06	28
29	·15	X	·02			·08	·29	·12		·07	·02	·67	29
30	·04	X	·02	·03		·07	·12	·04	·14	·01	·06	·11	30
31	·04	X	·02	X		X	·11		X	·09	X		31
TOTAL	4·26 ~~6·84~~	3·58	2·45	2·06	1·39	1·58	3·90	2·53	4·55	1·56	·78	4·23	YEAR'S TOTAL ~~35·45~~
	4·27	3·58	2·05	2·06	1·39	1·58	3·90	2·53	4·53	1·54	·78	4·23	3
Days with ·01 in. or more	21	20	21	16	13	15	19	20	23	19	17	24	228
Days with ·04 in. or more	20	15	13	10	9	12	16	17	19	12	8	22	173

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

MO3 ~~[illegible]~~ insertion — Jan 3432
to Obsd (see file 369034/22)

Jan 15 [illegible]

FORM A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922

Kept at Highgreen. Bellingham
in the County of Northumberland
by Capt. Sir C. Morrison-Bell Bt. (a Head Gardener)

Lat. 55.12.30 Long. 2.18.0 W. (approx)
Time of Observation 9 a.m.
Nearest Railway Station Tarset N.B.Ry.
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 849 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	5.6	3.7	—	—	.3	—	3.2	2.7	8.4	—	—	6.0	1
2	—	9.4	1.8	.3	.8	—	4.3	3.9	—	.9	.4	—	2
3	—	16.0	4.2	.7	1.1	—	.5	—	—	3.8	1.3	.2	3
4	—	.4	7.1	.2	1.7	.1	1.2	—	2.0	.3	—	—	4
5	.1	—	17.8	1.1	—	—	23.0	—	3.0	8.0	5.5	1.4	5
6	5.4	.3	1.8	—	6.4	—	14.2	—	2.0	—	.9	—	6
7	2.9	.3	7.2	—	—	—	—	10.8	—	—	—	2.3	7
8	3.1	—	.8	—	—	—	12.8	9.0	2.0	.2	.2	2.0	8
9	6.2	—	2.3	—	—	.4	2.2	—	—	—	1.4	—	9
10	2.3	—	.7	.4	—	—	—	—	—	—	2.8	—	10
11	—	—	.1	—	—	—	—	.3	3.0	—	—	3.0	11
12	—	—	.2	12.8	—	9.9	3.0	5.0	9.0	1.3	.2	2.5	12
13	10.1	—	—	1.4	—	2.0	1.5	2.0	21.8	—	1.0	15.3	13
14	—	.7	—	16.2	—	1.9	—	.3	1.8	—	1.0	.9	14
15	13.0 ~~33.4~~	2.6	—	6.0	—	—	10.3	1.6	.5	—	—	1.4	15
16	2.2	1.4	—	3.5	4.3	—	.5	6.2	5.9	—	—	11.0	16
17	—	12.4	—	.2	4.6	—	—	2.5	4.4	—	—	.8	17
18	× 15.0 ~~60.0~~	.5	—	—	2.1	2.7	—	.1	1.7	2.5	.4	2.1	18
19	3.1	2.4	1.2	—	—	.6	—	—	.6	.6	—	.9	19
20	1.3	3.0	2.6	—	1.2	.5	2.0	2.5	10.0	2.7	—	16.1	20
21	—	12.6	.4	—	.7	3.6	—	4.3	9.5	.8	.8	4.9	21
22	.8	11.0	1.2	—	7.4	4.3	—	1.9	.1	1.8	—	1.5	22
23	—	7.0	—	1.5	4.4	1.6	—	—	.2	.6	—	—	23
24	2.4	—	4.7	—	—	2.1	—	1.2	5.0	—	—	4.5	24
25	6.7	1.3	1.5	.9	.3	3.5	.2	—	.2	.3	.7	2.8	25
26	4.8	2.1	.4	2.2	—	—	1.0	.5	2.2	2.3	.5	4.1	26
27	15.8	3.2	4.5	4.0	—	3.2	—	1.0	9.0	3.6	.6	2.3	27
28	1.9	.2	.1	.1	—	—	5.8	4.4	9.8	5.4	—	1.4	28
29	3.8	×	.5	—	—	2.1	7.5	3.0	—	1.8	.7	17.1	29
30	.9	×	.6	.7	—	1.9	3.2	1.0	3.5	.3	1.5	2.8	30
31	1.1	×	.6	×	—	×	2.8	—	×	2.4	×	—	31
TOTAL	~~174.4~~ 108.5	91.0	62.3	52.2	35.3	40.3	99.2	64.2	115.6	39.6	19.4	107.3	YEAR'S TOTAL 835.4 ~~900.8~~
Days with 0·2 mm. or more	21	20	21	16	13	15	19	20	23	14	17	24	228
Days with 1·0 mm. or more	19	14	13	9	9	12	16	17	19	11	7	20	166

× Gauge covered in 2 ft. snow drift

(44,284). 10/19. (52,639). Wt.10,000—359. 1000. 7/20. Gp.132. A.&E.W.

M A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 3422

REGISTER OF RAINFALL IN 1922.

Kept at Bellingham
in the County of Northumberland
by A. Jackson for Sir C. McIrrison Bell, Bart.

Lat. 55° 13' Long. 1°18'W
Time of Observation 9h
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level 848 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	5.6	3.7	-	-	0.3	-	3.2	2.7	8.4	-	-	6.0	1
2	-	9.4	1.8	0.3	0.8	-	4.3	3.9	-	0.9	0.4	-	2
3	-	16.0	4.2	0.7	1.1	-	0.5	-	-	3.8	1.3	0.2	3
4	-	0.9	7.1	0.2	1.7	0.1	1.2	-	2.0	0.3	-	-	4
5	0.1	-	17.8	1.1	-	-	23.0	-	3.0	8.0	5.5	1.4	5
6	5.4	0.3	1.8	-	6.4	-	14.2	-	2.0	-	0.9	-	6
7	2.9	0.3	7.2	-	-	-	-	10.8	-	-	-	2.3	7
8	3.1	-	0.8	-	-	-	12.8	9.0	2.0	0.2	0.2	2.0	8
9	6.2	-	2.3	-	-	0.4	2.2	-	-	-	1.4	-	9
10	2.3	-	0.7	0.4	-	-	-	-	-	-	2.8	-	10
11	-	-	0.1	-	-	-	-	0.3	3.0	-	-	3.0	11
12	-	-	0.2	12.8	-	9.9	3.0	5.0	9.0	1.3	0.2	2.5	12
13	10.1	-	-	1.4	-	2.0	1.5	2.0	21.8	-	1.0	15.3	13
14	-	0.7	-	16.2	-	1.9	-	0.3	1.8	-	1.0	0.9	14
~~13.0~~ 15	13.0	2.6	-	6.0	-	-	10.3	1.6	0.5	-	-	1.4	15
16	2.2	1.4	-	3.5	4.3	-	0.5	6.2	5.9	-	-	11.0	16
17	-	12.4	-	0.2	4.6	-	-	2.5	4.4	-	-	0.8	17
18.0 18	15.0	0.5	-	-	2.1	2.7	-	0.1	1.7	2.5	0.4	2.1	18
19	3.1	2.4	1.2	-	-	0.6	-	-	0.6	0.6	-	0.9	19
20	1.3	3.0	2.6	-	1.2	0.5	2.0	2.5	10.0	2.7	-	16.1	20
21	-	12.6	0.4	-	0.7	3.6	-	4.3	9.5	0.8	0.8	4.9	21
22	0.8	11.0	1.2	-	7.4	4.3	-	1.9	0.1	1.8	-	1.5	22
23	-	7.0	-	1.5	4.4	1.5	-	-	0.2	0.6	-	-	23
24	2.4	-	4.7	-	-	2.1	-	1.2	5.0	-	-	4.5	24
25	6.7	1.3	1.5	0.9	0.3	3.5	0.2	-	0.2	0.3	0.7	2.8	25
26	4.8	2.1	0.4	2.2	-	-	1.0	0.5	2.2	2.3	0.5	4.1	26
27	15.8	3.2	4.5	4.0	-	3.2	-	1.0	9.0	3.6	0.6	2.3	27
28	1.9	0.2	0.1	0.1	-	-	5.8	4.4	9.8	5.4	-	1.4	28
29	3.8	✕	0.5	-	-	2.1	7.5	3.0	-	1.8	0.7	17.1	29
30	0.9	✕	0.6	0.7	-	1.9	3.2	1.0	3.5	0.3	1.5	2.8	30
31	1.1	✕	0.6	✕	-	✕	2.8	-	✕	2.4	✕	-	31
TOTAL	108.5 ~~[illegible]~~	91.0	62.3	52.2	35.3	40.3	99.2	64.2	115.6	39.6	19.9	107.3	835.4 ~~YEAR'S TOTAL~~ ~~900.4~~
Days with 0·2 mm. or more	21	20	21	16	13	15	19	20	23	19	17	24	228
Days with 1·0 mm. or more	19	14	13	9	9	12	16	17	19	11	7	20	166

(44,284). 10/19. (52,639). Wt.10,000—359. 1000. 7/20. Gp.132. A.&E.W.

Copied from Fm. 3203

AIR MINISTRY.

FORM 1091 METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

(*formerly B.R.O. Form A.2*).

REGISTER OF RAINFALL IN 1923.

Kept at Highgreen, Bellingham

in the County of Northumberland

by Capt. Sir C. Morrison-Bell Bt. & Head Gardener

Lat. 55.12.30 Long. 2.18.0 W (approx)

Time of Observation 9 am.

Nearest Railway Station Tarset N.B.Ry.

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea Level 849 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1. following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.		Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.		
1	4.8	6.1	7.1	1.5	–	–	0.5	0.4	1.5	0.3	–	6.3		1
2	5.9	5.4	0.8	1.2	–	–	–	19.5	1.0	0.8	7.6	1.5		2
3	2	6.5	3.9	–	–	8.7	0.2	0.1	1.0	4.9	12.6	0.1		3
4	0.7	0.3	0.2	–	–	1.0	–	–	–	0.8	1.8	3.4		4
5	3.2	–	1.5	–	–	1.9	–	3.5	–	1.0	4.6	0.9		5
6	1.1	6.5	3.1	–	0.2	0.5	–	5.5	2.6	0.7	–	0.2		6
7	1.1	3.9	3.7	–	–	–	1.9	1.1	–	0.5	0.8	2.5		7
8	5.4	3.5	1.4	–	0.2	5.0	0.5	6.9	–	4.4	3.1	1.6		8
9	11.1	4.0	0.9	12.4	3.5	2.1	1.5	0.4	0.2	2.1	1.5	0.4		9
10	–	7.3	2.3	11.5	8.4	6.3	1.1	–	–	9.4	0.4	0.6		10
11	–	1.8 1.8	0.1	0.2	6.9	0.4	–	–	2.1	0.9	2.1	–		11
12	–	2.7	2.6	7.3	0.5	5.5	–	4.9	5.4	3.1	24.5	0.6		12
13	2.2	3.1	–	2.8	2.1	–	–	–	2.5	0.1	5.2	–		13
14	0.4	0.4	–	–	4.4	–	–	–	–	–	–	0.5		14
15	0.3	12.5	–	–	2.2	0.6	5.4	–	–	0.5	14.8	2.2		15
16	0.3	1.8	–	–	1.6	0.3	4.7	13.2	0.2	1.4	6.6	0.2		16
17	0.2	–	–	–	–	1.8	5.2	5.6	7.1	–	·04	1.1		17
18	0.1	5.7	–	0.4	1.8	–	1.8	0.7	0.3	2.5	·06	–		18
19	4.0	–	–	–	0.9	0.5	5.1	1.6	11.8	·2	1.0	4.4		19
20	0.3	0.4	–	0.7	0.8	–	0.9	16.3	2.5	3.8	15.0	–		20
21	0.5	1.8	–	2.9	–	–	0.2	5.5	3.9	8.0	1.0	10.9		21
22	2.9	–	–	–	2.0	–	4.7	1.8	0.4	2.6	–	0.2		22
23	0.2	–	–	0.5	1.0	–	0.4	7.0	1.3	10.0	0.7	–		23
24	0.3	4.9	–	6.2	3.6	2.9	2.4	2.0	8.1	7.2	–	1.5		24
25	–	7.5	–	1.7	5.4	–	0.4	3.5	9	5.1	–	7.6		25
26	0.8	10.0	–	1.2	2.4	–	–	6.3	·2	2.5	–	0.5		26
27	2.6	3.6	3.8	0.3	0.6	–	3.0	7.0	9.0	4.6	2.3	0.7		27
28	0.4	11.4	3.2	1.5	–	–	4.6	1.0	–	1.9	6.9	0.2		28
29	4 4.4	✕	–	2.5	–	–	9.7	33.3	0.3	4.4	–	5.3		29
30	0.5	✕	–	1.7	–	–	9.6	3.0	0.3	1.8	3.5	4.6		30
31	1.7	✕	2.5	✕	0.3	✕	4.3	3.2	✕	0.3	✕	3.5		31
TOTAL	55.6	111.1	37.1	56.5	48.8	37.5	60.8	153.5	67.6	85.8	117.0	61.5	897.8	
Days with 0·2 mm. or more	26	23	14	18	20	14	22	24	22	28	~~21~~ 22	25	~~257~~ 258	
Days with 1·0 mm. or more	13	20	11	13	13	9	15	21	15	19	~~16~~ 17	14	~~179~~ 180	

(65,309). Wt.21,626—6781. 750. 11/21. Gp.133. A.&E.W.

AIR MINISTRY.

Form 1091 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

(*formerly B.R.O. Form A.2*).

REGISTER OF RAINFALL IN 1924.

Kept at Highgreen, Bellingham

in the County of Northumberland

by Capt. Sir C. Morrison-Bell Bt. & Head Gardener

Lat. 55·12·30 Long. 2·18·0 W. (approx)

Time of Observation 9 a.m.

Nearest Railway Station Tarset, N.B. Ry

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea Level 849 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	RRR
1	0·3	0·6	0·1	—	—	1·2	3·3	5·5	—	—	8·0	—	1
2	3·5	—	—	—	1·0	—	1·3	0·4	—	—	5·2	3·1	2
3	—	0·5	—	—	1·2	—	15·5	0·1	—	—	—	0·6	3
4	1·0	1·8	—	—	4·9	—	5·4	3·8	0·4	0·5	—	20·5	4
5	—	1·2	—	—	4·8	1·2	8·1	0·2	—	21·4	—	3·2	5
6	—	—	—	—	8·6	0·6	3·0	0·2	2·3	13·9	—	0·2	6
7	—	0.6	—	0·3	2·0	4·4	0·8	—	8·9	2·1	0·1	0·3	7
8	2·9	—	—	0·2	6·2	1·3	0·5	—	2·5	—	—	0·3	8
9	2·7	2·1	—	2·3	7·9	1·4	—	—	2·3	2·0	—	0·1	9
10	—	2·9	—	0·1	2·4	1·7	3·3	—	0·5	1·8	—	0·7	10
11	3·4	2·7	—	—	1·9	0·4	0·2	—	2·3	0·2	0·7	1·8	11
12	13·2	1·0	—	0·2	2·0	1·1	1·0	0·4	1·7	—	0·1	—	12
13	2·3	—	—	2·4	0·5	—	0·3	9·0	—	0·2	—	1·7	13
14	0·7	—	—	0·3	1·0	—	—	1·1	1·1	—	—	0·1	14
15	—	2·7	—	1·7	0·6	0·1	—	0·4	6·5	—	—	8·5	15
16	—	—	—	—	4·9	—	3·0	8·4	1·5	0·9	—	0·1	16
17	5·2	3·2	—	—	—	0·8	—	9·8	3·3	—	—	0·6	17
18	9·3	0·1	—	·5	4·0	0·2	—	0·3	—	3·4	—	0·2	18
19	2·3	—	—	—	3·7	0·8	11·1	3·3	19·9	1·5	0·3	—	19
20	0·3	0·1	—	—	0·6	—	21·7	5·5	4·0	—	—	0·9	20
21	5·0	—	0·4	—	7·6	1·2	0·2	1·4	6·1	0·8	1·9	—	21
22	8·2	0·2	6·6	—	—	—	—	5·7	8·9	—	5·8	2·9	22
23	0·1	0·5	12·0	3·3	0·8	—	2·4	1·8	3·4	—	5·2	5·0	23
24	0·4	0·3	5·5	5·8	1·2	—	1·4	—	—	—	0·2	3·5	24
25	—	0·4	0·8	5·7	2·8	0·2	0·2	0·5	—	0·4	1·7	4·0	25
26	7·2	1·3	—	4·7	4·8	1·2	1·8	1·3	—	15·0	5·7	12·2	26
27	0·2	2·4	—	8·2	0·5	—	2·2	0·3	—	2·3	2·3	4·4	27
28	0·5	1·9	—	3·9	0·1	3·2	19·8	5·5	4·8	2·6	3·7	2·1	2·1 28
29	—	—	—	0·7	—	1·8	2·7	1·9	0·9	5·1	0·2	23·5	23·5 29
30	—	✕	—	—	4·1	—	4·6	—	2·6	11·8	0·1	5·3	30
31	0·7	✕	0·8	✕	20·2	✕	4·4	0·5	✕	2·7	✕	1·5	31
TOTAL	69·4	26·5	26·2	40·3	100·3	23·3	118·2	67·3	83·9	88·6	41·2	107·8	YEAR'S TOTAL 793·0
Days with 0·2 mm. or more	20	18	6	15	26	17	25	23	20	19	13	24	226
Days with 1·0 mm. or more	16	11	3	9	21	11	19	14	17	13	9	16	156
	2·73	1·04	1·03	1·59	3·95	·92	4·65	2·65	3.30	3·49	1·62	4·25	31·22

(65,309). W 723,626-6781 750 1/31. Gp 159. A.&E.W.

3301

AIR MINISTRY.

FORM 1091. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1925.

Kept at Highgreen. Tarset
in the County of Northumberland
by Capt. Sir C. Morrison-Bell Bt.

Lat. 55·12·30 N. Long. 2·18·0 W.
Time of Observation 9 a.m.
Nearest Railway Station Tarset
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 849 ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. —

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Inches should be entered on Form 1090.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	25·2	0·3	22·1	—	1·1	0·1	—	12·4	—	—	5·3	—	1
2	3·9	0·7	1·4	10·0	0·4	1·5	0·8	—	0·5	—	0·9	—	2
3	5·9	1·6	0·2	—	—	—	0·4	1·4	2·0	6·4	5·9	—	3
4	—	3·2	—	—	9·5	—	—	—	—	[illegible]	2·5	—	4
5	—	1·5	—	5·0	4·3	1·1	—	2·0	—	—	0·2	—	5
6	1·0	2·2	—	3·2	2·9	—	2·5	0·4	0·5	0·3	0·3	—	6
7	0·2	0.5	0·8	0·2	4·9	—	—	3·4	5·8	0·1	5·6	0·6	7
8	2·2	8·9	0·3	1·4	8·5	—	—	14·5	0·2	—	4·4	3·8	8
9	0·1	4·0	0·1	1·5	1·8	—	1·1	0·5	16·0	—	0·2	7·0	9
10	0·5	16·4	5·8	—	1·5	—	—	2·0	1·0	—	2·6	—	10
11	—	4·4	1·8	—	1·1	—	—	1·5	0·9	0·4	—	0·8	11
12	[illegible]	2·5	—	—	1·9	—	—	2·2	—	2·4	—	—	12
13	0·3	4·9	0·9	0·4	0·4	—	—	1·4	2·2	—	—	—	13
14	—	26·1	0·6	5·2	0·2	—	—	—	0·1	—	—	8·6	14
15	0·1	17·5	—	5·5	—	—	—	—	3·4	0·3	0·1	3·7	15
16	0·5	4·5	—	0·5	—	—	0·2	—	0·7	5·4	0·2	0·6	16
17	2·1	2·2	0·6	4·5	0·4	—	—	—	2·1	1·5	0·1	0·3	17
18	0·2	—	—	10·3	0·8	—	—	—	0·3	—	—	14·5	18
19	—	0·2	6·9	—	0·8	0·5	—	—	14·7	3·4	—	16·0	19
20	—	—	8·7	—	0·8	—	4·6	0·5	0·4	7·7	0·1	18·2	20
21	—	3·0	2·7	2·5	—	—	—	8·6	1·2	1·6	0·3	9·4	21
22	0·3	0·8	—	12·9	—	—	3·7	5·3	14·1	7·3	—	—	22
23	5·2	1·5	0·9	1·2	8·7	—	—	15·5	3·6	2·0	—	3·0	23
24	0·2	2·1	0·8	0·7	20·5	—	—	9·8	0·1	4·7	—	3·1	24
25	0·1	4·3	9·2	0·6	—	—	16·5	—	10·4	1·3	1·9	1·1	25
26	0·2	3·2	0·3	2·5	9·4	0·1	7·6	2·8	2·4	12·2	4·6	2·0	26
27	—	3·6	—	—	5·2	—	4·0	0·7	0·4	1·9	0·3	1·3	27
28	5·1	16·0	—	0·1	4·2	—	2·0	0·1	0·6	8·2	—	3·9	28
29	14·9	×	0·2	5·8	6·4	—	—	—	0·3	3·3	2·9	17·1	29
30	3·0	×	0·3	13·2	1·7	0·7	3·6	0·3	—	—	1·9	7·2	37·40 30
31	1·5	×	6·1	×	19·0	×	—	4·6	×	2·6	×	6·5	31
TOTAL	72·7	136·1	70·7	87·2	116·4	4·0	47·0	89·9	83·9	73·0	40·3	128·7	YEAR'S TOTAL 949·9
Days with 0·2 mm. or more.	19	26	20	20	25	4	12	20	23	19	17	21	226
Days with 1·0 mm. or more	11	21	9	15	18	2	9	15	13	16	10	17	156

(*236) Wt. 1050—91579. 375. 8/23. T. S. 128.

P.T.O

3301?

Form 1094.

AIR MINISTRY,
METEOROLOGICAL OFFICE.
BRITISH RAINFALL ORGANIZATION.
KINGSWAY, LONDON, W.C.2,
or
METEOROLOGICAL OFFICE,
10, ROTHESAY PLACE, EDINBURGH.

RAINFALL IN 1925

NOTE.—Records taken in inches should be entered on Form 1093.

At Bellingham

In the County of

Rain Gauge — Diameter of Funnel ..... in.

Height of Top — *Above Ground* ..... ft ..... in

Height of Top — *Above Sea Level* ..... ft

	Month.	Total Depth.	Greatest Fall in 24 hours.		Total Number of Days with	
		Millimetres	Millimetres	Date.	0·2 mm. or more	1·0 mm. or more
2·86	JAN.	72·7	25	1	19	11
5·36	FEB.	136·1	26·1	14	26	21
2·78	MAR.	70·6 7	22	1	20	9
3·43	APR.	87·2	13	30	20	15
4·59	MAY	116·4	21	24	25	18
0·16	JUNE	4·0	1	2	4	2
1·85	JULY	47·0	17	25	12	9
3·54	AUG.	89·9	15	23	20	15
3·30	SEPT.	83·9	16	9	23	13
2·87	OCT.	73·0	12	26	19	16
1·59	NOV.	40·3	6	3	17	10
5·07	DEC.	128·7	18	20	21	17
37·40	Total	949·9	~~37·39~~		226	156

Signature .....

Titles .....

[*Please fill in the other side also.*]

M.O.
-5 JAN192

If Gauge has been moved during year state—

Date.	Distance.	Direction.
—	—	—

How was height above sea level ascertained
estimated from B.M.

State pattern and maker of Gauge, if known
Snowdon
A. N. Stow

What are the objects nearest to the Gauge?

Objects.	Height.	Distance.	Direction.
House	35′	90′ (about)	N.N.W

In order that the position may be accurately entered on a map please mention

Latitude 55·12·30 N.

Longitude 2·18·0 W. (approx)

Nearest Railway Station and Parish Church.

	Name.	Distance.	Direction.
Station	Tarset	3½	S
Church	Bellingham	5	S.E.

(Approx: distance in straight line)

If you know of any record of rainfall not quoted in *British Rainfall*, please give the Observer's name and address below.

M.O. 7
-5 JAN 1926

(47R) (378064) Wt. 21619/6782 Gp. 163 1000 11-21
W & S Ltd.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE. 3301

AIR MINISTRY.

Form 1091. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1926.

Kept at Highgreen - Tarset

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" Ground " Sea Level 849 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf. Corr by MWR.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Inches should be entered on Form 1090.

Date	Jan.	Feb	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm	mm.	mm.	mm.	mm.	mm.	
1	5.4	1.5	0.5	—	—	—	1.2	—	—	6.3	26.0	—	1
2	0.4	3.1	1.7	—	—	—	—	0.5	—	—	9.0	1.5	2
3	7.3	—	14.4	0.9	—	—	—	—	—	—	—	—	3
4	—	1.3	5.0	—	3.1	—	—	—	.8	—	8.8	—	4
5	2.1	13.8	2.4	—	1.4	—	0.8	12.9	0.5	1.2	4.9	3.4	5
6	2.3	14.2	0.8	0.2	3.6	—	7.2	1.5	0.8	2.1	1.4	0.2	6
7	3.6	4.7	1.8	1.7	—	6.3	—	—	—	1.6	4.4	—	7
8	7.8	2.8	1.9	0.7	—	—	0.3	—	1.4	16.5	—	—	8
9	—	2.4	16.7	0.3	4.7	13.1	1.6	3.0	4.7	5.9	0.4	—	9
10	—	1.0	0.5	—	5.5	9.3	0.4	15.7	—	0.7	2.9	—	10
11	0.2	0.4	0.8	—	0.9	4.0	—	11.5	0.5	2.4	7.5	—	11
12	—	0.3	—	—	4.8	3.6	—	2.0	5.4	13.0	—	—	12
13	1.3	—	—	—	1.6	—	—	4.6	1.1	7.9	7.3	1.2	13
14	6.2	5.2	—	4.5	—	10.2	—	1.6	19.7	0.5	6.1	0.4	14
15	4.2	3.4	—	5.7	—	16.7	—	7.9	—	—	2.2	0.4	15
16	—	3.0	—	6.7	0.4	8.2	—	7.7	1.6	1.1	7.6	0.3	16
17	2.2	0.4	0.5	4.1	1.0	6.2	0.9	0.2	—	—	—	2.0	17
18	4.5	1.5	0.2	0.3	—	—	21.9	6.8	—	0.1	16.7	—	18
19	—	2.6	4.0	3.4	3.2	0.4	20.6	5.7	37.4	—	0.2	—	19
20	—	2.5	1.1	4.3	5.5	1.5	9.2	8.1	12.5	—	3.6	—	20
21	1.6	8.8	4.4	2.1	—	0.3	—	10.0	—	3.5	0.6	0.6	21
22	9.2	.6	2.2	1.0	—	1.8	3.3	0.7	—	1.3	0.4	—	22
23	3.0	2.2	0.4	—	—	1.0	6.1	3.2	2.9	—	—	—	23
24	6.5	.2	—	0.8	4.5	—	11.9	—	—	12.2	—	1.0	24
25	4.9	—	—	4.5	0.5	—	—	—	2.2	4.4	7.4	0.1	25
26	1.0	7.3	1.3	2.4	13.6	—	—	—	6.1	—	3.3	~~—~~	26
27	5.1	7.5	1.1	1.0	—	2.7	—	—	—	—	—	0.4	27
28	4.3	.3	0.9	2.1	9.6	—	5.7	—	—	1.1	8.3	—	28
29	4.0	X	1.0	0.7	3.6	—	—	—	—	0.7	14.1	—	29
30	—	X	0.4	0.2	5.4	14.3	—	6.6	1.8	—	0.7	1.0	30
31	3.6	X	2.2	X	1.3	X	—	—	X	—	X	—	31
TOTAL	90.7	91.0	66.2	47.6	74.2	~~[illegible]~~ 99.6	91.1	110.2	99.4	82.5	143.7	12.5	YEAR'S TOTAL 1008.7 ~~[illegible]~~
Days with 0·2 mm. or more.	23	25	24	21	19	16	14	19	16	18	~~22~~ 23	12	230 ~~229~~
Days with 1·0 mm. or more.	21	19	~~15~~	13	16	~~15~~ 14	10	16	12	15	18	6	175 ~~176~~
	3.57	3.58	2.61	1.87	2.92	3.92	3.59	4.34	3.91	3.25	5.66	.49	39.71

(Signed) ....

[P.T.O.]

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE. 3287

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

REGISTER OF RAINFALL IN 1927.

Kept at Highgreen . Tarset

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" Ground " Sea Level 849 (approx) ft.

cf Bellingham MWR.

Fm 95 sent 18/7/28.

390

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. —

Corr by Observer. f. 818202/28 encl 3A.

Records taken in Inches should be entered on Form 1090.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	—	1.4	0.5	3.1	—	3.5	0.4	0.4	—	7.7	9.2	—	1
2	1.9	0.5	7.0	3.6	5.2	0.4	1.3	0.4	—	5.1	12.5	—	2
3	1.0	1.5	2.6	—	3.3	—	5.4	—	—	—	6.7	—	3
4	1.9	—	4.0	11.1	19.1	3.8	2.0	—	—	—	1.4	—	4
5	1.5	2.2	3.7	4.2	0.2	0.1	26.4	—	3.5	—	4.0	—	5
6	0.1	0.3	0.5	1.6	—	2.0	1.4	15.9	4.1	—	1.5	—	6
7	0.9	1.6	6.7	0.5	—	1.3	4.8	25.0	—	—	5.8	0.9	7
8	7.9	—	—	0.7	—	7.0	—	38.6	2.7	0.2	0.8	—	8
9	—	—	—	2.9	—	—	—	2.4	—	—	1.3	—	9
10	0.1	—	1.2	1.4	—	—	—	2.9	3.8	0.3	—	1.3	10
11	3.1	—	0.6	1.8	—	1.0	—	—	—	—	6.1	1.8	11
12	7.7	—	0.2	0.9	—	—	0.1	2.3	—	—	0.2	0.6	12
13	6.7	0.5	0.3	3.4	5.5	—	—	14.6	5.1	5.3	0.1	0.3	13
14	2.2	0.3	—	0.4	1.1	—	—	34.5	0.3	1.9	0.8	19.2	14
15	—	—	—	—	—	—	—	2.3	—	2.2	4.0	6.5	15
16	—	—	—	—	4.9	2.5	—	0.6	3.3	2.2	0.2	—	16
17	—	—	—	—	—	8.2	—	—	2.3	0.1	—	—	17
18	—	—	—	1.1	—	1.4	—	3.8	0.5	1.5	1.4	2.7	18
19	—	0.3	3.8	—	—	0.4	—	3.5	2.7	0.5	11.7	1.8	19
20	4.7	—	—	—	1.2	2.0	0.2	1.8	28.9	—	6.9	0.9	20
21	—	2.3	0.8	—	3.7	0.9	19.8	5.9	28.7	18.5	7.0	8.3	21
22	0.1	5.7	7.5	4.5	—	7.3	7.1	5.6	5.9	7.1	2.2	14.9	22
23	0.6	1.8	10.0	1.1	2.3	8.7	0.7	2.0	0.2	0.3	6.7	2.8	23
24	2.6	—	1.1	3.9	0.1	0.6	—	2.7	0.5	3.8	0.8	1.1	24
25	0.9	4.6	14.1	9.1	—	16.4	0.4	—	0.6	4.1	—	8.5	25
26	9.0	2.8	0.4	—	—	1.3	9.0	1.7	6.5	9.7	—	2.9	26
27	5.8	3.2	2.7	—	—	0.2	12.3	7.0	—	6.8	0.5	0.9	27
28	11.0	3.5	—	1.2	—	1.3	0.3	0.4	5.8	8.6	4.4	0.5	28
29	3.2	×	8.0	—	—	—	0.9	—	2.2	—	0.3	—	29
30	3.3	×	0.4		—	15.5	4.0	2.6	10.1	0.8	—	—	30 ~~10.66~~
31	1.0	×	0.1	×	6.7	×	—	0.9	×	—	×	—	31
TOTAL	77.2	32.5	76.2	56.5	53.3	85.8	96.5	177.8	117.7	86.7	96.5	75.9	YEAR'S TOTAL 1032.6 ~~1031.4~~
Days with 0·2 mm. or more.	20	16	21	14	11	21	17	24	20	14	24	18	230 ~~228~~
Days with 1·0 mm. or more.	17	11	15	15	10	16	11	19	15	14	17	12	170

Please read the Notes and Instructions Overleaf.

(144w)

(Signed) E. Morris. Bell

[P.T.O.

3.04	1.28	3.00	2.23	2.10	3.38	3.80	7.00	4.63	3.41	3.80	2.99

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE. 3371

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1091.

Bellingham

REGISTER OF RAINFALL IN 1928.

Kept at Highgreen. Tarset

in the County of Northumberland

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. - in.

" Ground " Sea Level 849 (approx) ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Inches should be entered on Form 1090.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	13.2	3.0	7.0	0.6	—	—	4.4	—	—	—	3.4	—	1
2	—	5.1	2.9	0.8	2.4	—	—	—	—	—	3.8	—	2
3	0.4	—	—	1.5	—	—	—	—	3.6	—	1.8	—	3
4	3.7	12.2	8.4	0.9	—	—	6.5	—	0.6	—	0.2	1.1	4
5	4.8	6.6	5.5	0.2	—	—	1.2	—	5.5	2.0	2.2	1.5	5
6	3.5	1.1	0.2	—	—	0.8	0.4	2.6	—	—	—	1.8	6
7	7.0	0.9	1.1	—	—	5.1	—	5.0	—	2.2	—	—	7
8	0.4	2.2	1.3	—	—	9.8	0.5	1.8	1.5	—	0.5	—	8
9	7.6	8.2	4.9	0.3	—	8.6	—	0.5	3.0	2.1	0.2	—	9
10	7.3	5.9	12.8	6.7	0.4	—	1.6	0.9	11.1	2.5	2.7	0.3	10
11	2.6	1.1	16.5	0.6	0.5	1.9	0.3	20.4	—	14.1	4.6	8.1	11
12	8.5	1.0	8.5	0.5	0.2	3.6	2.3	4.6	—	—	1.0	4.5	12
13	4.9	5.2	1.5	1.7	3.4	36.8	—	9.2	—	—	3.0	0.4	13
14	4.1	0.8	0.2	0.4	—	2.8	—	0.3	1.7	2.1	13.3	0.8	14
15	9.7	5.2	—	1.6	5.9	3.5	—	0.4	—	3.1	1.8	6.4	15
16	1.3	6.8	2.1	0.4	1.7	—	—	5.1	—	6.2	16.3	7.6	16
17	0.2	0.2	4.7	—	1.0	2.3	—	—	8.0	2.2	—	—	17
18	23.1	0.2	2.4	0.6	5.0	3.8	—	—	—	11.2	1.9	1.7	18
19	0.2	—	0.5	1.3	6.1	12.4	—	0.9	1.6	2.3	4.5	1.1	19
20	3.1	—	3.7	1.9	0.9	—	—	4.8	—	5.5	9.8	—	20
21	4.3	0.5	—	—	—	3.5	—	1.7	—	5.1	7.0	0.8	21
22	—	—	0.3	—	—	0.5	—	—	—	0.4	7.1	2.3	22
23	4.5	0.1	3.9	—	0.1	0.8	0.1	4.8	0.5	6.9	12.0	0.6	23
24	9.7	—	3.4	—	—	8.1	—	0.5	1.8	11.2	3.3	6.3	24
25	7.3	—	—	0.8	—	8.1	—	0.7	0.6	6.0	2.1	8.5	25
26	1.4	—	2.1	—	4.5	1.7	16.1	11.7	—	4.1	—	—	26
27	0.6	0.1	1.7	—	1.0	—	2.0	1.9	1.1	0.6	—	—	27
28	1.5	—	—	—	—	10.5	7.0	4.7	—	—	0.3	5.8	28
29	9.7	1.6	18.2	—	—	5.4	9.3	4.5	—	5.1	0.1	11.0	29
30	0.2	✕	0.9	2.7	0.4	6.0	0.2	—	—	4.1	0.3	13.1	30
31	5.5	✕	0.7	✕	—	✕	—	1.5	✕	4.7	✕	—	38.94 31
	~~5.92~~	~~2.48~~	~~4.50~~	~~0.93~~	~~1.32~~	~~5.24~~	~~2.04~~	~~3.48~~	~~1.60~~	~~4.08~~	~~4.06~~	~~3.29~~	YEAR'S TOTAL ~~[illegible]~~
TOTAL	150.3	63.0	115.4	23.5	33.5	133.0	51.9	88.5	40.6	103.7	103.2	83.7	990.3
Days with 0·2 mm. or more.	29	19	26	10	14	21	13	22	13	22	24	20	241
Days with 1·0 mm. or more.	23	14	20	7	9	18	9	15	10	21	19	15	180

Please read the Notes and Instructions Overleaf.

M

(144w)

(Signed) Chas. Morris-Bell

[P.T.O.]

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

REGISTER OF RAINFALL IN 1929.

Kept at Highgreen - Tarset

in the County of Northumberland

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. - in.

" Ground " Sea Level 849 (approx) ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	1.0	2.6	–	1.5	–	4.8	–	0.5	0.3	5.3	1.0	2.1	1
2	0.6	6.8	–	–	2.6	2.3	–	2.6	–	11.4	1.8	7.9	2
3	0.2	0.7	–	–	1.5	4.0	2.7	1.6	2.1	0.3	–	1.9	3
4	1.5	–	–	8.2	8.0	–	43.8	15.6	0.4	7.4	2.2	2.0	4
5	1.7	0.2	–	–	2.3	7.3	6.0	1.0	–	5.2	1.5	5.5	5
6	2.5	0.2	–	0.1	4.1	3.3	0.2	15.3	–	3.5	0.5	5.4	6
7	–	–	–	–	0.2	5.5	–	5.0	–	13.1	4.7	–	7
8	–	2.1	–	1.3	2.2	22.4	–	0.1	–	4.8	3.4	25.4	8
9	5.7	1.3	–	–	–	3.8	0.3	–	–	–	26.0	2.5	9
10	0.3	0.1	–	–	2.4	2.8	5.0	7.5	–	1.9	4.5	10.0	10
11	–	–	–	–	2.6	–	3.0	–	–	–	14.0	7.8	11
12	0.1	–	–	–	1.3	9.4	–	0.1	–	–	0.3	2.1	12
13	0.5	[illegible]	–	0.2	1.7	2.3	–	6.9	–	–	–	1.0	13
14	0.2	1.7	–	–	1.3	2.0	–	–	–	0.9	–	–	14
15	10.0	1.9	–	–	5.8	2.6	–	5.3	–	1.9	–	–	15
16	–	–	–	–	–	–	–	6.2	–	1.9	0.5	–	16
17	–	–	–	3.4	–	–	–	4.3	–	0.1	3.6	–	17
18	0.6	–	–	0.7	–	–	–	–	–	0.5	10.2	–	18
19	4.4	–	–	1.8	–	0.4	–	–	1.4	1.4	4.0	2.1	19
20	–	–	–	–	–	–	–	0.2	0.4	3.0	–	–	20
21	–	0.2	–	–	–	3.4	4.9	3.4	–	–	–	–	21
22	–	2.8	1.7	1.4	–	–	11.5	1.9	–	1.8	–	1.4	22
23	1.4	1.4	–	1.0	–	–	–	2.6	–	14.0	3.7	5.5	23
24	0.6	8.5	1.2	0.1	4.6	0.5	–	0.2	–	1.4	1.0	12.8	24
25	1.2	2.3	–	–	–	–	–	–	–	–	6.8	14.6	25
26	–	0.7	–	7.3	–	–	–	–	–	–	1.8	2.6	26
27	1.3	–	–	10.0	–	–	0.2	8.2	–	3.3	3.3	1.4	27
28	7.2	–	–	5.4	–	–	8.6	0.5	14.2	6.0	1.9	25.9	28
29	4.0	X	–	–	–	–	0.1	4.9	0.4	1.6	–	3.8	29
30	0.2	X	–	–	–	1.0	13.4	0.1	1.9	2.1	8.4	–	30
31	0.2	X	3.8	X	–	X	11.5	1.4	X	–	X	1.4	31
TOTAL	45.4	33.5	6.7	42.7	40.6	77.8	111.2	95.4	21.1	92.8	105.4	145.1	YEAR'S TOTAL 8[illegible]
Days with 0·2 mm. or more.	21	16	3	12	14	17	13	21	8	22	22	22	141
Days with 1·0 mm. or more.	12	10	3	10	13	15	10	17	4	19	19	22	154

(144w)

40—9999.

(Signed) Claud. Morrison - Bell [P.T.O.

3453

mm

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

400

Kept at Bellingham

in the County of Northumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground ...... ft. ...... in.

" Ground " Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3													3
4					·31		1·72						4
5													5
6													6
7													7
8						·88							8
9													9
10											1·02		10
11													11
12													12
13													13
14													14
15	·39												15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24		·33								·55			24
25													25
26													26
27				·39									27
28									·56			1·02	28
29													29
30		✕											30
31		✕	·15	✕		✕			✕		✕		31
TOTAL	1·79	1·32	0·26 ✓	1·68 ✓	1·60 ✓	3·06 ✓	4·38 ✓	3·76	0·83 ✓	3·73 ✓	3·~~57~~ 65 ✓	5·71 ✓	YEAR'S TOTAL 31·77 ✓
Days with ·01 in. or more.	21	15	3	12	14	14	13	21	8	23	22	22	191
Days with ·04 in. or more.	12	10	3	10	13	15	10	17	4	20	18	22	154
40-9999	45·4	33·5	6·7	42·7	40·6	77·8	111·2	95·4	21·1	94·7	~~90·7~~ 92·8	145·0	806·9

M

(Signed) .... [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

REGISTER OF RAINFALL IN 19~~2~~30.

Kept at Highgreen Tarset

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" Ground " Sea Level 849 (approx) ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	6·8	28·1	—	6·4	—	—	—	12·1	—	0·4	12·0	—	1
2	6·7	6·5	—	5·0	—	—	1·5	9·4	—	—	9·1	—	2
3	—	2·4	0·1	1·8	—	—	—	1·8	—	1·6	0·1	—	3
4	1·1	2·5	—	2·3	—	—	15·0	8·4	2·2	9·5	—	—	4
5	3·1	4·6	2·7	—	—	—	—	5·2	0·1	0·4	—	—	5
6	1·1	1·3	8·9	—	2·2	—	—	—	3·8	1·1	—	3·8	6
7	9·5	—	—	—	3·3	—	—	—	3·5	6·8	3·9	3·5	7
8	6·6	—	0·1	1·8	4·7	—	—	—	—	10·9	—	1·4	8
9	—	—	3·6	4·1	2·4	4·3	—	4·5	4·6	—	—	—	9
10	6·9	—	3·4	—	1·3	—	—	2·2	22·8	0·7	—	1·2	10
11	2·4	—	1·2	3·0	—	—	—	—	0·5	9·4	—	8·0	11
12	7·7	—	—	2·4	4·4	—	—	8·2	1·3	2·8	—	6·8	12
13	12·2	—	—	2·0	2·3	—	9·2	3·1	1·9	2·1	—	1·4	13
14	6·9	1·2	2·6	—	1·0	—	5·3	—	1·1	1·1	6·2	0·9	14
15	—	—	2·8	—	0·1	—	2·1	—	—	17·6	2·7	1·8	15
16	—	—	14·9	—	—	6·7	19·5	—	0·1	3·6	—	4·7	16
17	2·4	—	5·3	3·6	5·5	6·3	24·0	3·0	17·1	1·5	—	0·1	17
18	0·6	—	2·2	3·6	1·3	0·5	—	1·5	8·7	2·0	8·0	0·5	18
19	1·4	—	—	—	—	3·0	15·7	4·6	10·2	2·2	2·1	1·0	19
20	0·7	—	5·0	2·5	—	—	6·7	18·1	0·5	0·6	17·9	—	20
21	3·2	—	—	—	—	4·3	2·8	3·5	—	4·9	14·0	0·6	21
22	5·1	1·7	—	—	—	—	34·2	—	2·4	2·3	9·8	0·3	22
23	—	—	—	4·9	—	—	0·8	—	2·3	0·3	0·7	2·1	23
24	0·1	2·1	—	1·7	—	—	—	2·0	2·3	—	7·1	2·0	24
25	—	1·0	—	—	—	1·3	—	0·1	1·1	—	8·2	3·4	25
26	6·8	0·1	—	1·0	2·1	—	—	1·1	4·4	—	1·3	10·2	26
27	—	—	—	—	1·3	1·7	0·7	—	4·1	0·6	—	5·7	27
28	—	—	1·1	—	—	3·9	0·8	0·8	0·1	0·3	0·2	8·7	28
29	—	X	2·2	—	—	—	21·5	6·4	3·2	5·4	1·2	—	29
30	—	X	—	—	—	0·5	—	10·9	0·8	0·5	—	5·2	30
31	11·3	X	—	X	—	X	—	0·5	X	3·2	X	2·5	31
													YEAR'S TOTAL
TOTAL	102·6	51·5	56·1	46·1	31·9	32·5	159·8	107·4	99·1	91·8	104·5	75·8	959·1
Days with 0·2 mm. or more.	20	10	13	15	12	10	15	20	21	26	16	22	200
Days with 1·0 mm. or more.	18	10	13	15	12	8	12	18	18	18	14	18	174

(144w)

40—9999.

(Signed) Claud Monsen-Bell [P.T.O.

FORM 1091.

B Monthly Summary.

*** *The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 1930

NOTE—Records taken in inches should be entered on Form 1090.

At Highgreen, Tarset

In the County of Northumberland

Rain Gauge.
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. - in.
Height of Ground above Sea Level 849 (approx) ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				0·2 mm. or more	1·0 mm. or more
	Millimetres	Millimetres	Date.		
JAN.	102·6	12·2	13th	20	18
FEB.	51·5	28·1	1st	10	10
MAR.	56·1	14·9	16th	13	13
APR.	46·1	6·4	1st	15	15
MAY	[illegible]4·9	5·5	17th	12	12
JUNE	32·5	6·7	16th	10	8
JULY	159·8	34·2	22nd	15	12
AUG.	107·4	18·1	20th	20	18
SEPT.	94·1	22·8	10th	21	18
OCT.	91·8	17·6	15th	26	18
NOV.	104·5	17·9	20th	16	14
DEC.	75·8	10·2	26	22	18
Total	959·1			200	174

Signature Claud. Morrison. Bell

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Sir Claude Morrison-Bell Bt.
Highgreen, Tarset, Northumberland

Hour of observation by the clock—in Winter 9 a.m. in Summer 10 a.m.

Nearest Railway Station Tarset Distance 3½ Direction from gauge S

Nearest Parish Church at Bellingham Distance 5 Direction from gauge S.E.

Approx: in straight lines

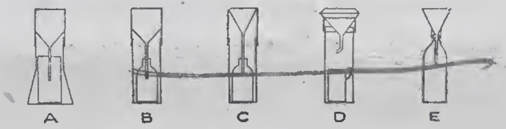
Nature of objects nearest to gauge				
Heights of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in ***British Rainfall,*** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(*a*) Is it known that the gauge was empty at the beginning of the measured rainfall?
(*b*) What note was made of the times of beginning and end of this fall?
(*c*) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st ; it is therefore the amount measured on January 2nd.*

9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, *i.e.,* the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·05 ; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·05 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}3{\cdot}6$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3·6 mm.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* 0·2 *mm. or more" includes all the days with any rain except those for which the entry is "trace" or* 0·1 *mm. The "number of days with* 1·0 *mm. or more" includes all the days with any rain except those for which the entries are trace,* 0·1, 0·2, 0·3, 0·4, 0·5, 0·6, 0·7, 0·8, *or* 0·9 *mm.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O.
7 JAN 1931

London : Published by His Majesty's Stationery Office. To be purchased directly from H.M. Stationery Office at the following addresses : Adastral House, Kingsway, London, W.C.2 ; 120, George Street, Edinburgh ; York Street, Manchester ; 1, St. Andrew's Crescent, Cardiff ; 15, Donegall Square West, Belfast ; or through any Bookseller. 1927. Price 1d. net.

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3523

Section **A** for the entry of Daily Observations. — mm — FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Bellingham

in the County of N'land

400

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level 848 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		1·10		·25									1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10									·90				10
11													11
12													12
13	·48												13
14													14
15										·69			15
16			·59			·26							16
17					·22								17
18													18
19													19
20								·71			·70		20
21													21
22							1·35						22
23													23
24													24
25													25
26												·40	26
27													27
28													28
29													29
30		X											30
31		X		X		X			X		X		31
TOTAL	4·06	2·03	2·21	1·81	1·23	1·28	6·28	4·23	3·90	3·61	4·11	2·98	YEAR'S TOTAL 37·73
Days with ·01 in. or more.	21	11	13	15	12	10	15	20	21	26	16	22	202
Days with ·04 in. or more.	18	10	13	15	12	8	12	18	18	18	14	18	174
40-9999	103.1	51·5	56.1	46·1	31·35	32·5	159.5	107·5	99.1	91·8	104·5	75·8	958·8

(Signed) ....

[P.T.O.

3601

BERWICK ON TWEED

RAMPARTS

192~~7~~4 - 30

Section **A** for the entry

Station No. 3601

24

Metform 1091
(Revised January, 1967)
Kept at Be
in the County of
Diameter of funnel of gauge
Height of top of gauge above
Height of ground above sea lev

Jan. 1, following

THE MORNING MEA US DAY

An observer who does not conform the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.		
1	0·2	–	–	–	–	8·3	4·1	18·5	–	–	5·5	–		1
2	0·2	–	–	–	1·4	–	0·2	1·1	–	–	0·4	5·0		2
3	–	–	–	–	0·3	–	26·4	0·1	0·1	0·8	0·1	0·3		3
4	0·1	–	–	–	4·8	–	0·3	1·6	–	2·0	–	17·1		4
5	–	1·9	–	–	9·9	1·9	7·2	0·4	0·6	63·8	–	–		5
6	–	–	–	–	9·3	1·4	2·9	–	0·2	0·5	–	–		6
7	–	–	–	–	15·9	4·3	–	–	24·9	–	–	–		7
8	1·1	–	–	–	4·6	11·3	–	–	–	–	0·2	0·6		8
9	5·3	3·5	–	0·4	6·7	1·5	–	–	11·8	1·6	0·2	–		9
10	0·3	1·6	0·1	0·2	2·7	1·4	4·9	0·5	1·2	0·5	0·2	–		10
11	5·4	2·2	–	–	0·3	11·8	0·2	0·3	–	–	0·5	0·1		11
12	4·6	0·8	–	–	0·7	0·2	6·2	–	0·7	–	–	–		12
13	1·9	0·2	–	3·0	0·6	–	2·1	–	–	0·1	0·4	0·4		13
14	–	0·2	–	0·4	0·7	–	–	0·8	0·1	0·1	0·3	–		14
15	–	1·1	–	0·4	0·9	4·2	0·6	0·2	0·2	0·1	–	6·9		15
16	–	–	–	–	0·4	–	0·2	0·9	0·1	–	–	–		16
17	3·3	–	–	–	–	0·5	0·8	3·7	1·7	–	0·8	–		17
18	5·3	2·7	–	–	2·2	0·5	0·4	–	–	3·4	–	0·1		18
19	2·7	0·3	0·4	–	0·4	0·1	1·0	1·9	15·9	0·4	–	–		19
20	–	–	–	0·4	1·6	–	2·9	1·9	4·4	–	0·1	–		20
21	4·5	0·3	1·0	0·1	3·8	0·3	2·6	2·5	–	–	–	–		21
22	8·3	–	4·6	–	–	–	0·2	2·6	5·2	–	1·5	0·3		22
23	0·5	1·1	3·5	1·1	2·2	–	1·3	3·3	2·1	–	0·9	0·1		23
24	–	–	0·5	2·2	4·3	–	2·4	1·2	–	–	–	0·1		24
25	–	3·3	–	3·2	2·0	–	2·6	0·3	–	0·7	0·5	3·0		25
26	–	–	–	7·6	2·3	–	0·2	0·9	–	13·1	4·0	0·7		26
27	–	1·5	–	5·5	0·2	–	0·9	–	–	0·4	1·3	–		27
28	0·9	–	–	–	–	0·8	13·6	5·1	1·3	0·9	2·1	–		28
29	–	0·4	–	–	1·9	1·1	3·8	–	0·2	3·4	–	3·1		29
30	–	X	–	0·5	2·9	–	5·1	0·1	2·1	0·7	–	0·3		30
31	–	X	–	X	26·6	X	0·4	0·2	X	–	X	–		31
TOTAL	44·6	21·1	10·1	25·0	109·6	49·6	93·5	48·1	72·8	92·5	19·0	38·1	624·0	
*Days with 0.2 mm. or more														
*Days with 1.0 mm. or more														
OFFICE USE ONLY														

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except years' total.

(*Signed*) (P.T.O.)

Section **A** for the entry Station No. 3601

Metform 1091
(Revised January, 1967)

REGISTER OF RAINFALL IN 1924

Kept at Berwick upon Tweed.
in the County of
Diameter of funnel of gauge in.
Height of top of gauge above ground ft. in.
Height of ground above sea level ft.

Jan. 1, following

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. **Please read the Notes and Instructions Overleaf**

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†	
1	0.2	-	-	-	-	8.3	4.1	18.5	-	-	5.5	-		1
2	0.2	-	-	-	1.4	-	0.2	1.1	-	-	0.4	5.0		2
3	-	-	-	-	0.3	-	26.4	0.1	0.1	0.8	0.1	0.3		3
4	0.1	-	-	-	4.8	-	0.3	1.6	-	2.0	-	17.1		4
5	-	1.9	-	-	9.9	1.9	7.2	0.4	0.6	63.8	-	-		5
6	-	-	-	-	9.3	1.4	2.9	-	0.2	0.5	-	-		6
7	-	-	-	-	15.9	4.3	-	-	24.9	-	-	-		7
8	1.1	-	-	-	4.6	11.3	-	-	-	-	0.2	0.6		8
9	5.3	3.5	-	0.4	6.7	1.5	-	-	11.8	1.6	0.2	-		9
10	0.3	1.6	0.1	0.2	2.7	1.4	4.9	0.5	1.2	0.5	0.2	-		10
11	5.4	2.2	-	-	0.3	11.8	0.2	0.3	-	-	0.5	0.1		11
12	4.6	0.8	-	-	0.7	0.2	6.2	-	0.7	-	-	-		12
13	1.9	0.2	-	3.0	0.6	-	2.1	-	-	0.1	0.4	0.4		13
14	-	0.2	-	0.4	0.7	-	-	0.8	0.1	0.1	0.3	-		14
15	-	1.1	-	0.4	0.9	4.2	0.6	0.2	0.2	0.1	-	6.9		15
16	-	-	-	-	0.4	-	0.2	0.9	0.1	-	-	-		16
17	3.3	-	-	-	-	0.5	0.8	3.7	1.7	-	0.8	-		17
18	5.3	2.7	-	-	2.2	0.5	0.4	-	-	3.4	-	0.1		18
19	2.7	0.3	0.4	-	0.4	0.1	1.0	1.9	15.9	0.4	-	-		19
20	-	-	-	0.4	1.6	-	2.9	1.9	4.4	-	0.1	-		20
21	4.5	0.3	1.0	0.1	3.8	0.3	2.6	2.5	-	-	-	-		21
22	8.3	-	4.6	-	-	-	0.2	2.6	5.2	-	1.5	0.3		22
23	0.5	1.1	3.5	1.1	2.2	-	1.3	3.3	2.1	-	0.9	0.1		23
24	-	-	0.5	2.2	4.3	-	2.4	1.2	-	-	-	0.1		24
25	-	3.3	-	3.2	2.0	-	2.6	0.3	-	0.7	0.5	3.0		25
26	-	-	-	7.6	2.3	-	0.2	0.9	-	13.1	4.0	0.7		26
27	-	1.5	-	5.5	0.2	-	0.9	-	-	0.4	1.3	-		27
28	0.9	-	-	-	-	0.8	13.6	5.1	1.3	0.9	2.1	-		28
29	-	0.4	-	-	1.9	1.1	3.8	-	0.2	3.4	-	3.1		29
30	-	X	-	0.5	2.9	-	5.1	0.1	2.1	0.7	-	0.3		30
31	-	X	-	X	26.6	X	0.4	0.2	X	-	X	-		31
TOTAL	44.6	21.1	10.1	25.0	109.6	49.6	93.5	48.1	72.8	92.5	19.0	38.1	624.0	
*Days with 0.2 mm. or more														
*Days with 1.0 mm. or more														
OFFICE USE ONLY														

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except years' total.

(*Signed*) (P.T.O.)

June cor. by Form 3204 ✓✓✓

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3324.

3601

AIR MINISTRY.

FORM 1091. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Berwick upon Tweed.

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" Ground " Sea Level 76·41 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Inches should be entered on Form 1090.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm	mm.	mm.	mm.	mm.	mm.	
1	5·1		11·3	Trace	·	2·3		10·7	·	·	1·1	0·2	1
2	2·9	Trace	2·2	2·4	2·5	0·4	0·4	·	0·6	·	0·5	·	2
3	1·2	·	0·1	0·1	Trace	0·1	·	2·4	6·1	1·2	4·6	0·5	3
4	·	1·5		Trace	8·0	·	·	·	·	·	·	·	4
5	Trace	·	·	5·3	9·7	Trace	·	0·8	Trace	·	·	·	5
6	·	Trace	·	1·3	0·4	1·8	7·1	·	0·9	0·3	4·8	·	6
7	·	0·3	Trace	5·1	0·9	Trace	1·0	·	3·9	Trace	1·3	Trace	7
8	Trace	3·2	0·3	0·8	0·8	0·1	·	11·5	1·2	·	13·9	1·5	8
9	Trace	0·8	0·1	0·1	·	·	0·9	·	30·0	·	Trace	1·3	9
10	do	2·0	4·4	Trace	0·6	0·1	·	3·2	Trace	·	4·8	·	10
11	·	5·0	0·7	do	0·4	~~0·1~~	·	0·8	·	0·2	·	6·6	11
12	Trace	1·9	0·8	0·1	Trace	·	0·8	8·3	Trace	0·6	·	Trace	12
13	0·1	0·8	1·2	0·2	0·3	·	Trace	1·3	0·4	1·2		0·3	13
14	·	34·8	0·3	Trace		·	·	Trace	·	0·1	·	5·9	14
15	·	11·0	·	4·4	·	·	·	·	2·6	0·2	·	3·1	15
16	Trace	9·2	0·2	1·4	·	Trace	0·2	·	3·3	5·1	·	·	16
17	0·1	8·3	Trace	11·2	Trace	·	Trace	·	1·4	0·3	·	9·9	17
18	Trace	0·8	·	6·5	do	·	·	·	6·0	0·1	Trace	8·7	18
19	·	1·8	3·5	·	0·2	Trace	Trace	·	15·9	1·2	·	4·4	19
20	·	·	1·5	·	0·1	do	14·3	Trace	·	6·9	·	6·1	20
21	·	1·0	2·1	0·3	·	do	0·1	3·2	1·2	1·0	Trace	1·6	21
22	Trace	0·1	·	0·2	·	do	Trace	4·1	12·5	5·2	0·3	Trace	22
23	1·8	0·3	Trace	1·1	4·2	do	0·1	2·9	1·7	0·3	·	·	23
24	Trace	7·9	0·7	·	23·9	·	0·2	·	·	1·6	0·9	·	24
25		4·9	1·6	0·8	1·5	·	9·0	·	8·9	·	0·2	0·4	25
26	0·3	2·7	·	4·9	5·1	·	3·3	1·8	·	0·6	1·2	1·0	26
27	Trace	4·1	0·1	·	1·5	·	1·4	·	·	0·6	Trace	Trace	27
28	2·4	7·1	Trace	3·8	1·9	·	1·1	Trace	·	0·7	7·7	·	28
29	2·5	×	·	2·0	5·9	·	3·9	·	·	1·1	3·0	8·0	29
30	Trace	×	0·9	4·5	5·2	4·2	Trace	0·6	·	·	1·9	6·6	30
31	do	×	16·0	×	0·4	×	0·2	·	×	0·3	×	·	31
TOTAL	16·4	109·5	48·0	56·5	73·5	9·0	44·0	51·6	96·6	28·8	46·2	66·1	YEAR TOTAL 646·2
Days with 0·2 mm. or more.	7	21	16	18	19	4	14	13	16	19	14	17	178
Days with 1·0 mm, or more.	16	16	9	13	11	3	8	10	13	9	10	13	121

25·44

(Signed) Sydney Hill

[P.T.O.

FORM 1091.

B Monthly Summary.

** The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 192...

3324

Form 1094.

AIR MINISTRY.
METEOROLOGICAL OFFICE.
BRITISH RAINFALL ORGANIZATION.
KINGSWAY, LONDON, W.C.2,
or
METEOROLOGICAL OFFICE,
10, ROTHESAY PLACE, EDINBURGH.

RAINFALL IN 1925...

NOTE.—Records taken in inches should be entered on Form 1093.

At....Berwick/on-Tweed....

In the County of....Northumberland....

Rain Gauge { Diameter of Funnel....................in.
Height of Top { *Above Ground*........ft.........in
Above Sea Level.........76...ft

Month.	Total Depth.	Greatest Fall in 24 hours.		Total Number of Days with	
	Millimetres	Millimetres	Date.	0·2 mm. or more	1·0 mm. or more
0·65 JAN.	16·4	5	1	7	6
4·31 FEB.	109·5	34·8 ~~35~~	14	21	16
1·89 MAR. 3	48·0	16·0	31	16	9
2·22 APR.	56·5	11	17	18	13
2·89 MAY 6	73·5	23·9	24	19	11
0·35 JUNE	9·0	4	30	4	3
1·73 JULY	44·0	14	20	14	8
2·03 AUG.	51·6	11	8	13	10
3·80 SEPT.	96·6	30	9	16	13
1·13 OCT.	28·8	7	20	19	9
1·82 NOV.	46·2	14	8	14	10
2·60 DEC.	66·1	9·9	17	17	13
25·44 Total	646·2	25·44		178	121

Signature..

Titles..

[*Please fill in the other side also.*]

C Particulars of Station.

** Every observer is requested to fill in this section (especially if a change has been made in the position of the gauge or in its exposure), and also the space for notes as far as possible:—*

Name and Address to which any correspondence relating to this register should be sent :—
Sydney Hill, c/o Borough Surveyor's Office
Berwick - upon - Tweed

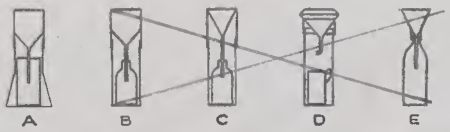
Latitude of Station 55·46·6 N Longitude 1·59·42 W. Hour of observation 9 + 17 h
Nearest Railway Station Berwick Distance 1120 yds Direction W.N.W
Nearest Parish Church Berwick C of E. Distance 450 yds Direction N.W b W

If gauge has been moved during the year state—

Date of move....—.... Distance....—.... Direction....—....

Nature of objects nearest to gauge	Iron Railing	Sun Recorder		
Heights of objects	5'-6"	4'-5"		
Distances ...	9 ft	6 ft		
Directions...	S, E + W	N		

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)



If you know of any record of rainfall not quoted in ***British Rainfall,*** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
13 JAN 1926

NSTRUCTIONS.

gauge, particu- ion is given in The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

(b) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·05; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}3{\cdot}6$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3·6 mm.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "total number of days with 0·2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0·1 mm.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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(*351) Wt. 10147 - 12525/772. 11/25. T.S. 128.
(*351) Wt. 18327—13049. 1,000. 12/25. T. S. 128.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

~~3324~~
3601

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

REGISTER OF RAINFALL IN 1926.

Kept at Berwick upon Tweed

in the County of Northumberland

Diameter of Funnel of Gauge Five in.

Height of top of Gauge above Ground — ft. 12 in.

" Ground " Sea Level 76.41 ft.

? sent 2/3/27

re Jan 22
Apr 1
Sep 5
Nov 13

Corr by Obs
See f 66020?/26.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. 0.0

Records taken in Inches should be entered on Form 1090.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	0.7	Trace	-	1.2	-	-	0.2	-	-	3.6	3.9	0.5	1
2	Trace	4.6	Trace	-	-	-	-	-	Trace	-	1.4	0.3	2
3	7.2	-	3.2	0.5	0.6	-	-	-	do	-	-	-	3
4	-	0.1	-	-	1.1	-	-	-	1.8	-	10.9	-	4
5	0.5	5.7	0.7	-	0.5	-	-	3.1	0.4	Trace	0.2	5.5	5
6	2.4	9.1	-	-	4.1	0.1	10.1	2.5	-	2.1	0.1	Trace	6
7	3.9	7.0	-	0.4	-	2.8	Trace	-	-	0.4	-	-	7
8	1.1	2.3	0.3	-	-	2.5	-	-	-	4.0	-	-	8
9	-	1.8	2.0	-	0.7	8.5	15.3	0.3	5.5	6.5	-	-	9
10	-	0.5	-	-	7.2	5.2	0.4	2.9	1.1	-	2.6	Trace	10
11	-	0.6	-	-	0.6	0.7	-	5.5	0.8	0.3	Trace	-	11
12	-	0.7	-	-	4.5	10.0	-	0.1	7.1	12.5	do	Trace	12
13	Trace	Trace	-	-	6.5	0.6	-	Trace	1.3	1.0	5.~~2~~ 0	0.5	13
14	4.9	7.6	-	Trace	-	19.7	-	1.9	4.9	0.2	0.6	0.7	14
15	4.3	0.4	-	3.3	0.3	4.6	-	2.7	Trace	-	Trace	-	15
16	1.3	0.8	Trace	Trace	0.4	5.6	-	2.5	-	3.4	3.9	-	16
17	1.7	-	do	2.3	-	-	-	Trace	-	0.2	-	0.2	17
18	5.6	0.6	do	5.6	-	-	20.6	2.8	-	-	6.9	Trace	18
19	-	0.7	2.4	Trace	1.2	0.2	13.6	5.2	44.9	0.6	Trace	-	19
20	-	-		do	4.2	2.7	0.6	12.2	8.8	-	8.9	0.2	20
21	Trace	3.6	0.5	0.5	3.0	-	2.3	Trace	-	7.5	-	-	21
22	12.[illegible] 6	Trace	2.9	3.3	-	2.0	Trace	-	-	0.2	5.3	-	22
23	6.8	0.3	Trace	1.8	-	2.0	7.0	2.4	2.0	-	4.1	Trace	23
24	0.8	0.3	-	0.2	4.2	-	15.5	-	0.2	23.8	Trace	1.8	24
25	0.3	-	-	14.1	0.7	-	-	-	Trace	11.1	6.2	0.2	25
26	Trace	7.5	0.5	6.7	10.6	1.4	-	-	9.5	0.3	1.1	-	26
27	0.7	2.4	3.0	1.7	-	1.1	3.0	-	Trace	Trace	0.4	0.5	27
28	5.0	-	0.8	5.9	-	-	2.7	-	-	4.4	4.6	-	28
29	2.7	X	-	Trace	Trace	-	-	-	-	1.8	1.0	-	29
30	-	X	-	do	5.2	0.5	-	12.1	2.5	0.3	0.9	-	30
31	2.9	X	1.2	X	0.8	X	-	-	X	-	X	-	31
TOTAL	~~6[illegible].9~~ 65.4	56.6	17.5	~~46.3~~ 47.5	56.4	70.2	91.3	56.2	90.8	84.2	68.~~2~~ 0	10.4	YEAR'S TOTAL 714.5 ~~712.7~~
Days with 0'2 mm. or more.	19	19	11	~~13~~ 14	19	17	12	13	~~13~~ 14	20	18	10	186 ~~184~~
Days with 1'0 mm. or more.	14	10	6	~~9~~ 10	11	13	9	12	11	12	14	2	~~123~~ 124

Please read the Notes and Instructions Overleaf.

(144w)

(Signed) Sydney Hill

P.T.O.

2.57	2.23	.69	1.87	2.22	2.76	3.59	2.21	3.57	3.31	2.68	.41	28.11

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE. 3306 3601

AIR MINISTRY.

FORM 1091. 91.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1927.

Kept at Berwick on Tweed

in the County of N'land

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

„ Ground „ Sea Level .... ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Inches should be entered on Form 1090.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm	mm.	mm.	mm.	mm.	mm.	
1													1
2													2
3													3
4					13·0								4
5													5
6											9·2		6
7				5·7									7
8								45·3					8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18							18·6						18
19		2·1									9·2		19
20													20
21										96			21
22									43·1			26·0	22
23													23
24													24
25						20-5							25
26													26
27													27
28	8·1												28
29			8·5										29
30		X											30.
31		X		X		X			X		X		31
													YEAR'S TOTAL
TOTAL	33·0	13·4	43·0	30·7	48·0	64·8	66·4	166·5	132·7	42·6	60·1	58·3	759·5
Days with 0·2 mm. or more.	17	14	18	18	13	18	14	17	15	14	19	15	192
Days with 1·0 mm. or more.	9	9	12	10	9	14	10	16	11	11	12	11 ✓	134
	1·30	0·53	1·69	1·21	1·88	2·55	2·61	6·56	5·22	1·68	2·37	2·30	29·90

(Signed) ....

P.T.O.

FORM 1091.

REGISTER OF RAINFALL IN 1927.

Kept at Berwick upon Tweed

in the County of Northumberland

Diameter of Funnel of Gauge Five in.

Height of top of Gauge above Ground One ft. — in.

„ Ground „ Sea Level 76·41 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. 0·0.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	-	0·2	0·3	0·4	-	8·1	0·6	-	-	1·2	7·8	-	1
2	0·3	0·2	5·1	5·4	2·3	-	-	-	-	3·1	2·4	-	2
3	-	-	1·8	-	1·0	0·4	0·5	Trace	-	-	0·9	-	3
4	1·0	-	0·6	3·5	13·0	1·4	2·7	-	-	Trace	0·3	-	4
5	0·7	1·7	1·8	0·3	-	0·6	9·2	-	-	-	Trace	-	5
6	-	1·0	-	Trace	-	1·5	-	5·9	6·3	-	9·2	-	6
7	1·4	1·1	4·5	5·7	-	Trace	11·7	5·9	Trace	-	6·2	0·4	7
8	4·0	-	3·1	-	Trace	3·4	Trace	45·3	-	Trace	0·2	Trace	8
9	-	Trace	0·7	1·1	do	-	-	11·7	Trace	-	3·6	-	9
10	Trace	-	1·0	1·2	-	-	-	0·7	0·3	-	0·7	-	10
11	-	-	0·9	0·8	0·6	-	1·5	3·3	0·9	-	5·1	0·7	11
12	-	Trace	Trace	2·1	0·3	-	-	-	-	-	-	-	12
13	2·7	do	do	2·4	10·4			10·4	-	6·0	0·9	1·0	13
14	-	-	-	0·2	4·9	-	Trace	12·3	-	1·2	3·4	2·4	14
15	0·7	Trace	-	0·2	-	-	-	Trace	-	1·5	2·2	0·3	15
16	0·3	-	-	-	0·1	2·3	-	1·5	1·1	4·6	-	-	16
17	-	-	-	-	-	2·2	-	Trace	-			0·9	17
18	0·5	-	Trace	Trace	-	3·3	-	16·8	-	Trace	-	1·2	18
19	-	2·1	do	-	-	-	-	1·7	1·4	-	9·2	5·2	19
20	3·4	0·2	-	-	0·2	0·6	0·8	1·4	18·1	-	2·3	1·6	20
21	Trace	0·4	0·3	0·7	4·1	1·9	18·6	3·2	39·8	9·6	2·2	7·2	21
22		1·1	5·1	0·4	-	4·4	1·3	29·2	43·1	2·1	0·9	26·5	22
23	0·2	0·6	3·0	1·6	7·3	9·4	3·0	10·4	0·2	-	2·4	1·4	23
24	-	-	1·6	1·3	1·1	1·8	-	Trace	2·6	0·8	-	6·0	24
25	1·0	1·1	0·7	2·9	-	20·5	-	-	2·8	4·8	-	2·2	25
26	5·3	1·4	1·9	0·5	-	0·5	12·6	-	9·0	0·7	-	1·8	26
27	2·9	1·0	2·1	-	Trace	1·0	1·2	5·2	0·7	1·3	-	Trace	27
28	8·1	1·3	Trace	Trace	0·9	1·5	2·5	Trace	3·9	5·5	Trace	do	28
29	0·2	X	8·5	-	-	-	-	-	2·5	-	-	-	29
30	0·3	X	-	-	-	-	0·2	1·6	-	0·2	0·2	-	30
31	-	X	-	X	1·8	X	-	Trace	X	-	X	-	31
TOTAL	33·0	13·4	43·0	30·7	48·0	64·8	66·4	166·5	132·7	42·6	60·1	58·8	YEAR'S TOTAL 760·0
Days with 0·2 mm. or more.	17	14	18	18	13	18	14	17	15	14	19	15	192
Days with 1·0 mm. or more.	9	9	12	10	9	14	10	16	11	11	12	11	134

(144w)

40—9999.

(Signed) Sydney Hill [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.
3390
3601

AIR MINISTRY.

FORM 1091. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1928.

Kept at Berwick on Tweed

in the County of

Diameter of Funnel of Gauge ______ in.
Height of top of Gauge above Ground ______ ft. ______ in.
" Ground " Sea Level ______ ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Inches should be entered on Form 1090.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm	mm.	mm.	mm.	mm.	mm.	
1													1
2		7.8											2
3											17.0		3
4													4
5			14.8						7.1				5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13						27.1							13
14													14
15					5.3							5.7	15
16													16
17													17
18										9.2			18
19													19
20				5.2									20
21													21
22													22
23													23
24													24
25													25
26							20.6						26
27													27
28								14.9					28
29	9.6												29
30		X											30
31		X		X		X			X		X		31
TOTAL	58.1	20.6	60.1	25.2	21.3		62.3	86.8	26.4				YEAR'S TOTAL 23.24
Days with 0·2 mm. or more.	22	8	25	14	11	16	10	19	11	18	17	15	186
Days with 1·0 mm. or more.	12	6	15	8	7	13	9	17	8	14	9	10	128
	2.29	0.81	2.37	0.99	0.84	3.77	2.45	3.42	1.04	1.44	2.62	1.20	23.2

(Signed) BOROUGH SURVEYOR

Register of Rainfall in 1928.

Kept at Berwick upon Tweed

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

„ Ground „ Sea Level 76.41 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf. HWR

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Inches should be entered on Form 1090.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	1.7	4.2	5.0				2.7				1.5		1
2		7.8	3.4	0.6	0.5						2.3		2
3				1.1	0.3				1.8		15.3		3
4			3.8				3.5		0.3		17.0	0.2	4
5	2.5		14.8	0.8			2.4			1.0	0.4	0.2	5
6	3.7		5.5			0.6	1.9	4.2	7.1	1.7	0.2	0.6	6
7	1.4		0.2			0.8		1.0		6.3	0.8		7
8	0.4	1.0	1.3	0.2		9.1			0.4		0.5		8
9	0.3		1.7			14.3			1.9	2.0			9
10	5.3	2.9	1.8	3.1		1.8		1.2	5.0	0.2			10
11		2.6	0.9	1.6		0.6		9.3		1.1	3.4	3.0	11
12	0.9		1.6	1.5	2.5			1.0				0.4	12
13		1.6	0.4		4.5	27.1		2.3				1.7	13
14	5.3		0.8	0.2		1.9		0.4	2.3	1.0	2.6	0.3	14
15	0.3	0.2		1.5	5.3	2.7		1.9			0.3	5.7	15
16	0.7		0.7		0.3				1.0	1.1	5.0	3.3	16
17			2.3	0.7	0.2	2.0				1.4			17
18	9.2		0.2	4.9	1.5	7.8				9.2	0.3	3.0	18
19	0.3		0.5	3.0	2.2	7.1		3.0		0.5	2.1		19
20	0.3			5.2				11.3			4.4		20
21	1.0					3.2		2.7		2.2	0.6		21
22			0.9				0.5						22
23	4.0		1.4					2.1	1.2	0.3	10.7		23
24	0.8		2.4						4.9	0.3		1.0	24
25	0.6					10.3		1.0				1.8	25
26		0.1	1.7		1.6	4.7	20.6	10.1		1.0			26
27	0.7		1.4		2.4		5.9	1.4					27
28	7.3		0.3			1.7	9.7	14.9	0.5			4.2	28
29	9.6	0.2	6.6				9.6	10.3		3.9	0.3	2.6	29
30		X	0.5	0.8			2.5	0.3		2.0		2.4	30
31		X		X		X		8.4	X		X		31 Use HWR version
	~~2.23~~	~~0.81~~	~~2.37~~	~~0.99~~	~~0.84~~	~~3.77~~	~~2.33~~	~~3.42~~	~~1.04~~	~~1.39~~	~~2.67~~	~~1.20~~	YEAR TOTAL
TOTAL	~~52.9~~ 61.3	20.6	60.1	25.2	21.3	95.7	59.3	86.8	26.4	35.2	67.7	30.4	~~586.6~~ 50
Days with 0·2 mm. or more.	22	8	25	14	11	16	10	19	11	17	18	15	186
Days with 1·0 mm. or more.	12	5	15	8	7	13	9	17	8	13	10	10	127

M

(Signed) Sydney Hill [P.T.O.

3472

3601

FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

REGISTER OF RAINFALL IN 1929.

Kept at BERWICK UPON TWEED.

in the County of NORTHUMBERLAND.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 76.41 ft.

days

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	Trace	1.3	6.0	1.1	0.0	13.1	1.4	0.4	Trace	5.6	4.2	0.0	1
2	1.4	2.8	0.0	Trace	0.0	0.8	0.0	8.0	0.0	0.1	0.5	2.4	2
3	0.0	0.3	1.1	do	Trace	0.9	0.7	0.0	0.2	1.6	0.0	1.5	3
4	0.9	0.0	0.0	10.7	5.7	0.0	29.5	16.6	0.0	2.1	1.2	1.6	4
5	0.6	0.0	0.0	Trace	0.4	1.8	1.2	0.3	Trace	4.1	Trace	0.3	5
6	0.9	0.4	Trace	0.0	8.0	17.1	0.9	15.9	do	5.7	0.0	7.3	6
7	0.0	0.0	0.0	Trace	Trace	0.0	0.0	0.0	0.0	13.3	2.0	1.4	7
8	0.0	0.3	0.0	0.7	8.4	0.0	0.0	0.3	1.8	2.3	2.2	12.8	8
9	16.1	0.0	0.0	0.0	0.0	Trace	0.1	0.0	0.5	0.0	13.2	0.0	9
10	0.0	3.1	0.0	0.0	Trace	do	0.1	6.3	0.0	0.0	Trace	5.5	10
11	0.0	Trace	0.0	0.4	0.0	do	2.0	0.0	0.0	0.0	1.1	1.9	11
12	0.0	0.0	0.0	0.0	3.3	5.4	0.0	0.0	0.0	0.0	Trace	Trace	12
13	1.2	0.0	0.0	0.0	0.8	0.8	0.0	15.9	0.0	0.0	0.0	2.4	13
14	1.7	2.0	0.0	Trace	0.7	1.0	0.0	0.0	Trace	Trace	0.0	0.0	14
15	3.0	4.2	0.0	0.0	Trace	0.5	0.0	0.1	0.0	0.2	Trace	0.0	15
16	0.0	1.5	Trace	0.0	0.0	0.8	0.0	13.7	0.0	0.0	5.8	0.0	16
17	0.0	0.0	0.0	0.3	0.0	0.0	0.0	14.0	0.0	0.0	2.4	0.0	17
18	0.0	0.0	0.0	2.1	0.0	2.1	0.0	0.0	0.0	0.0	3.8	0.0	18
19	0.0	0.0	0.0	1.3	0.0	0.2	0.0	0.0	0.0	1.3	1.0	1.7	19
20	0.0	0.7	0.5	Trace	0.0	0.0	0.0	0.5	0.5	2.4	0.0	5.5	20
21	0.0	Trace	Trace	0.0	Trace	0.6	5.6	2.7	0.0	0.0	0.0	1.8	21
22	0.0	2.9	0.0	1.1	0.0	0.0	1.5	0.6	0.2	0.0	0.0	2.2	22
23	0.0	10.8	0.0	1.3	0.0	0.2	0.0	0.0	0.0	6.0	0.9	8.4	23
24	2.0	5.2	0.0	0.4	Trace	0.5	0.0	0.0	0.0	0.0	0.5	12.6	24
25	2.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.6	25
26	Trace	Trace	0.0	0.8	0.0	0.0	0.0	Trace	0.0	1.8	0.0	0.8	26
27	2.2	0.0	0.0	5.8	0.0	0.0	Trace	4.8	0.0	3.0	0.3	0.0	27
28	4.4	0.0	0.0	9.6	0.0	0.0	2.6	0.4	2.5	2.3	1.3	7.9	28
29	4.3	X	0.0	0.5	0.0	0.0	0.5	2.8	0.0	3.8	Trace	0.5	29
30	0.0	X	0.0	0.0	0.0	0.5	5.6	0.0	2.2	0.0	15.7	0.0	30
31	0.0	X	1.4	X	0.0	X	15.5	Trace	X	Trace	X	0.4	31 21.81
	~~1.61~~	~~1.48~~	~~.12~~	~~1.42~~	~~1.07~~	~~1.82~~	~~2.65~~	~~3.67~~	~~.31~~	~~2.19~~	~~2.34~~	~~3.13~~	YEAR'S TOTAL 554.1
TOTAL	40.9	37.6	3.0	36.1	27.3	46.3	67.2	93.3	7.9	55.6	59.4	79.5	564.1
Days with 0·2 mm. or more.	13	14	3	14	7	16	12	16	7	15	17	21	155
Days with 1·0 mm. or more.	10	10	2	8	4	6	9	10	3	14	13	16	105

(144W)

40-9999

(Signed) Sydney Hill

[P.T.O.

35H3

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

3601

Kept at Berwick-on-Tweed

in the County of N'land

Diameter of Funnel of Gauge ..... in.

Height of top of Gauge above Ground ..... ft 5 in.

,, Ground ,, Sea Level 76.4 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·35												1
2				·30									2
3													3
4													4
5													5
6													6
7													7
8										·60			8
9													9
10													10
11												·55	11
12													12
13					·13								13
14													14
15													15
16			·51										16
17							1·98		·72				17
18													18
19													19
20													20
21						·19							21
22											·46		22
23													23
24													24
25													25
26	·35												26
27													27
28													28
29													29
30		✕						·53					30
31		✕		✕		✕			✕		✕		31
TOTAL	2.15	1.13	1.70	1.45	·50	0.73	5.12	3.57	3.20	2.42	2.85	2.25	YEAR'S TOTAL 27.07
Days with ·01 in. or more.	15	12	9	16	15	13	13	22	19	16	13	14	177
Days with ·04 in. or more.	14	9	9	10	5	7	12	18	15	11	13	12	135
40/9999	54.7	28.7	43.3	36.8	12.7	18.5	130.0	90.7	81.2	61.4	72.4	57.1	687.5

(Signed) ..... [P.T.O.

Section **A** for the entry of daily observations

Station No. 3601

METEOROLOGICAL OFFICE

3601

Metform 1091
(Revised January, 1967)

REGISTER OF RAINFALL IN 1930

Kept at Berwick upon Tweed

in the County of

Diameter of funnel of gauge in.

Height of top of gauge above ground ft. in.

Height of ground above sea level ft.

Jan. 1, following

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. **Please read the Notes and Instructions Overleaf**

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†	
1	7·3	9·0	–	5·1	–	–	–	11·8	–	–	6·7	–		1
2	1·5	4·8	–	7·7	–	–	–	2·6	–	–	9·5	–		2
3	0·0	1·2	–	–	0·2	–	4·5	–	1·8	1·7	4·3	–		3
4	2·2	1·6	–	–	–	–	4·1	2·8	–	4·8	–	–		4
5	–	1·6	1·6	1·8	0·2	–	0·2	1·4	–	–	–	–		5
6	–	0·7	5·0	1·2	0·4	–	–	0·2	7·5	1·2	–	5·2		6
7	1·3	–	–	–	0·2	–	–	8·0	12·9	5·3	2·3	5·0		7
8	–	0·8	–	2·5	2·0	–	–	–	–	15·2	–	2·1		8
9	–	–	–	2·5	0·2	1·4	–	1·4	6·2	–	–	–		9
10	1·6	–	–	–	0·5	1·2	2·0	0·4	0·6	2·4	–	0·3		10
11	0·7	–	–	–	–	–	–	0·6	3·5	5·7	–	13·9		11
12	3·6	–	–	–	1·0	–	–	6·7	2·2	–	–	1·8		12
13	4·2	–	3·8	4·4	3·2	–	–	3·5	6·7	–	–	–		13
14	7·1	0·6	–	–	–	–	5·1	–	1·8	0·3	11·3	5·0		14
15	–	–	9·8	–	0·3	–	–	–	–	9·0	1·8	–		15
16	–	–	13·0	–	0·2	0·2	14·9	–	–	–	–	–		16
17	–	–	3·2	–	1·9	3·2	50·2	2·9	18·2	–	–	–		17
18	–	–	3·3	0·3	0·2	–	–	1·4	–	–	5·0	–		18
19	1·4	–	–	0·3	–	1·2	–	9·3	7·3	0·4	–	–		19
20	–	–	1·2	3·1	–	0·2	2·3	10·4	2·9	–	5·6	–		20
21	4·5	–	–	0·2	–	4·8	15·7	1·2	–	1·5	5·0	–		21
22	4·4	2·3	–	–	–	–	22·8	0·2	3·0	0·9	11·7	–		22
23	–	–	–	2·4	1·4	0·8	4·0	2·4	–	–	–	–		23
24	–	2·0	–	0·4	0·8	0·9	–	–	–	–	5·4	1·9		24
25	–	1·8	–	0·4	–	0·4	–	1·0	1·2	–	1·5	8·7		25
26	9·0	2·3	–	0·3	–	–	–	1·2	1·4	–	2·3	3·8		26
27	1·8	–	–	4·2	–	1·3	–	–	0·2	–	–	1·8		27
28	–	–	–	–	–	2·2	2·7	–	0·8	0·8	–	0·9		28
29	–	X	2·4	–	–	–	1·5	7·8	2·6	5·9	–	–		29
30	–	X	–	–	–	0·7	–	13·5	0·4	0·3	–	1·5		30
31	4·1	X	–	X	–	X	–	–	X	6·0	X	5·2		31
TOTAL	54·7	28·7	43·3	36·8	12·7	18·5	130·0	90·7	81·2	61·4	72·4	57·1	687·5	
*Days with 0.2 mm. or more														
*Days with 1.0 mm. or more														
OFFICE USE ONLY														

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except years' total.

(*Signed*) (P.T.O.)

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(3305A)

FORM 1090 METEOR ANIZATION.

25.

BLYTH

MUNICIPAL BUILDINGS

NORTHUMBERLAND

1925 - 19~~26~~27

Kept at Blyth, Munic

in the County of Nor

by Borough

in Gauge ____ in.

ve Ground ____ ft. ____ in.

Sea Level ____ ft.

Rain should be measur the previous day.
An Observer who prefers not ding at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1											·24		1
2													2
3									·18	·18	·40		3
4													4
5													5
6													6
7									·09		·46	1·45	7
8													8
9									·88				9
10													10
11													11
12													12
13									·03				13
14													14
15									·14				15
16									·09				16
17									·07				17
18													18
19									·72				19
20										·80			20
21													21
22									·79				22
23												3·25	23
24										·21			24
25									·31				25
26													26
27													27
28													28
29													29
30		X						·025		·45		·74	30
31		X		X		X			X		X		31
TOTAL									3·30	1·64	1·10	5·44	YEAR'S TOTAL
Days with ·01 in. or more									~~10~~	~~4~~	~~3~~	~~3~~	
Days with ·04 in or more									~~9~~	~~4~~	~~3~~	~~3~~	

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

Copy from fil

3305 A

FORM 1090 METEOR ANIZATION.

REGISTER OF RAINFALL IN 1925.

Kept at Blyth, Municipal Buildings.
in the County of Northumberland
by Borough Engineer (L. Leeper)

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1											·24		1
2													2
3									·18	·18	·40		3
4													4
5													5
6													6
7									·09		·46	1·45	7
8													8
9									·88				9
10													10
11													11
12													12
13									·03				13
14													14
15									·14				15
16									·09				16
17									·07				17
18													18
19									·72				19
20										·80			20
21													21
22									·79				22
23												3·25	23
24										·21			24
25									·31				25
26													26
27													27
28													28
29													29
30		X						·025		·45		·74	30
31		X		X		X			X		X		31
TOTAL									3·30	1·64	1·10	5·44	YEAR'S TOTAL
Days with ·01 in. or more									~~10~~	~~4~~	~~3~~	~~3~~	
Days with ·04 in or more									~~9~~	~~4~~	~~3~~	~~3~~	

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3305A

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1926.

Kept at Blyth

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" Ground " Sea Level ~~about~~ 20 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1									0·15	0·05	0·51		1
2							0·13						2
3													3
4	0·85												4
5							0·06	0·35				0·15	5
6							1·07	0·11					6
7		0·98											7
8		0·88				0·20					0·55		8
9						0·81	0·19	0·20		0·30			9
10						0·24			0·04	0·10			10
11						0·06			0·02	0·03			11
12				0·22		0·04			0·18	0·42			12
13			0·37							0·26			13
14					0·25	0·28			0·24		0·29		14
15		0·86				0·69		0·60					15
16						0·17		0·02		0·27	0·37		16
17								0·12					17
18	0·65			0·09			1·05	0·24			0·49		18
19							0·36	0·01	1·02			0·21	19
20					0·25	0·10	0·04	0·20	0·25			0·22	20
21				0·23				0·04			0·26		21
22						0·15		0·04			0·05		22
23							0·18		0·05	0·07			23
24		0·48	0·22				0·38			0·45			24
25				0·39	0·28					0·53			25
26				0·04	0·75				0·46				26
27	0·60			0·05									27
28			0·08		0·28						0·25		28
29													29
30		X					0·30	0·15	0·06		0·60		30
31		X		X	0·15	X			X	0·74	X		31
													YEAR'S TOTAL
TOTAL	2·10	3·20	0·67	1·02	1·96	2·74	3·76	2·08	2·47	3·22	3·37	0·58	27·14
Days with ·01 in. or more.	~~3~~	~~4~~	~~3~~	~~6~~	~~6~~	~~10~~	~~10~~	~~12~~	~~10~~	~~11~~	~~9~~	~~3~~	~~84~~ ?
Days with ·04 in. or more.	~~3~~	~~4~~	~~3~~	~~6~~	~~6~~	~~10~~	~~10~~	~~10~~	~~9~~	~~10~~	~~9~~	~~3~~	~~83~~ ?

Please read the Notes and Instructions Overleaf.

(144Ws)

(Signed) Leonard [illegible]
Blyth Borough Engineer

[P.T.O.

3291

FORM 1090.

B Monthly Summary.

**** *The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 1927

At Blyth.

In the County of Northumberland.

Rain Gauge.
Diameter of Funnel 8" in.
Height of Top above Ground 1 ft. 6 in.
Height of Ground above Sea Level about 20 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.		
JAN.	1·50				
FEB.	0·92				
MAR.	1·39				
APR.	2·00				
MAY	3·35				
JUNE	3·96				
JULY	3·46				
AUG.	3·33				
SEPT.	3·12				
OCT.	1·88				
NOV.	2·56				
DEC.	4·28				
Total	31·75				

Signature Leonard Leeper

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Leonard Leeper
Borough Engineer, Blyth

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Blyth Distance 1 mile Direction from gauge South

Nearest Parish Church at Blyth Distance 1 mile Direction from gauge N. E.

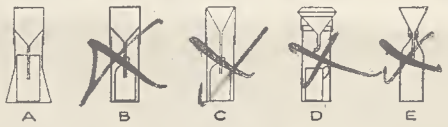
Nature of objects nearest to gauge				
Heights of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state— no

Date of move — Distance — Direction —

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in ***British Rainfall***, please give the observer's name and address:— —

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(*a*) Is it known that the gauge was empty at the beginning of the measured rainfall?
(*b*) What note was made of the times of beginning and end of this fall?
(*c*) When was the measurement made?

M.O. 7
11 JAN 1928

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, *i.e.*, the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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40-9999.

Section **A** for the entry of D

FOR OFFICIAL USE.

3299

3577

For 1090. METEOROLOG

ANIZATION.

R

COLT CRAG RES.

(NEWCASTLE W. W)

1926 – 1930

Kept at Colt Cr

in the County of North

ested to read the instructions

lling in this form.

Diameter of Funnel of Gauge

should fill in section C

Height of top of Gauge above Gro

" Ground " Sea

THE MORNING ME

VIOUS DAY.

An observer who does not conf

January 1st of the

following year in the space on th

Jan. 1, following.

Records taken in Millimetres should be entered on Form 109

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·08	·03	-	-		-	-	-	-	·37	·08	-	1
2	·04	·10	-	-	-	-	-	·08	-	·03	·27	·01	2
3	·28	-	·15	·01	-	-	-	-	-	-	-	-	3
4	-	·05	·07	-	·02	-	-	-	·01	-	·14	-	4
5	·03	·30	·05	-	·10	-	-	·28	-	·04	·02	·11	5
6	·11	·68	·03	-	·14	-	·53	·07	·05	·11	·11	-	6
7	·21	·16	-	·02	·04	·23	-	-	-	·03	·07	-	7
8	·13	·11	·01	·03	-	-	-	-	·07	·37	-	-	8
9	-	·06	·24	·02	·08	·38	·13	·01	·06	·18	·05	-	9
10	-	·04	·08	-	·15	·35	-	·17	-	·11	·07	-	10
11	-	·02	-	-	·07	·05	-	·30	·01	·10	·07	-	11
12	-	-	-	-	·17	·23	-	·07	·05	·70	-	-	12
13	·05	-	-	-	·06	·01	-	·07	·05	·57	·07	·08	13
14	·15	·33	-	·04	-	·40	-	·23	·43	·12	·09	·04	14
15	·13	·13	-	·16	-	·55	-	·43	-	-	·07	-	15
16	·02	·14	-	·02	·05	·30	-	·18	·04	·05	·35	-	16
17	·05	·10	·01	·17	·01	·05	-	-	-	-	-	·02	17
18	·07	·04	·01	-	-	-	1·56	·54	-	·01	·52	-	18
19	-	·20	·10	·11	-	·01	·30	·06	·89	-	·02	·02	19
20	·02	·02	·04	·05	·10	·11	·02	·38	·76	-	·14	-	20
21	-	·18	·08	·07	·13	-	·15	·08	-	·10	·03	-	21
22	·23	-	·06	·08	-	·22	·04	·10	-	·11	·07	-	22
23	·02	·04	·05	·04	-	·65	·10	·08	·01	·03	-	-	23
24	·14	-	-	·04	·19	·04	·65	-	·06	·28	-	·05	24
25	·10	-	-	·16	·09	-	-	-	·21	·30	·35	·02	25
26	·11	·25	·01	·18	·83	·02	·23	-	·32	-	·12	-	26
27	·05	·10	-	·05	-	·35	·05	-	-	-	·02	·01	27
28	·14	-	·03	·06	·26	·01	·30	-	-	·09	·14	-	28
29	·18	×	·06	-	·06	-	-	-	-	·10	·46	-	29
30	-	×	-	·03	·09	·46	-	·15	·07	-	-	-	30
31	·11	×	·03	×	·01	×	-	-	×	-	×	-	31
TOTAL	2·45	3·08	1·11	1·34	2·65	4·42	4·06	3·28	3·09	3·80	3·33	·36	YEAR'S TOTAL 32·97
Days with ·01 in. or more.	23	21	18	19	20	19	12	18	16	21	23	9	219
Days with ·04 in. or more.	19	18	11	13	14	15	11	17	13	17	19	4	174

(Signed) Arthur Hardcastle [P.T.O.

Section **A** for the entry of D

FOR OFFICIAL USE.

3299

3577

Form 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1926.

Kept at Colt Crag

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 654 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·08	·03	-	-	-	-	-	-	-	·37	·08	-	1
2	·04	·10	-	-	-	-	-	·08	-	·03	·27	·01	2
3	·28	-	·15	·01	-	-	-	-	-	-	-	-	3
4	-	·05	·07	-	·02	-	-	-	·01	-	·14	-	4
5	·03	·30	·05	-	·10	-	-	·28	-	·04	·02	·11	5
6	·11	·68	·03	-	·14	-	·53	·07	·05	·11	·11	-	6
7	·21	·16	-	·02	·04	·23	-	-	-	·03	·07	-	7
8	·13	·11	·01	·03	-	-	-	-	·07	·37	-	-	8
9	-	·06	·24	·02	·08	·38	·13	·01	·06	·18	·05	-	9
10	-	·04	·08	-	·15	·35	-	·17	-	·11	·07	-	10
11	-	·02	-	-	·07	·05	-	·30	·01	·10	·07	-	11
12	-	-	-	-	·17	·23	-	·07	·05	·70	-	-	12
13	·05	-	-	-	·06	·01	-	·07	·05	·54	·07	·08	13
14	·15	·33	-	·04	-	·40	-	·23	·43	·12	·09	·04	14
15	·13	·13	-	·16	-	·55	-	·43	-	-	·07	-	15
16	·02	·14	-	·02	·05	·30	-	·18	·04	·05	·35	-	16
17	·05	·10	·01	·17	·01	·05	-	-	-	-	-	·02	17
18	·07	·04	·01	-	-	-	1·56	·54	-	·01	·52	-	18
19	-	·20	·10	·11	-	·01	·30	·06	·89	-	·02	·02	19
20	·02	·02	·04	·05	·10	·11	·02	·38	·76	-	·14	-	20
21	-	·18	·08	·07	·13	-	·15	·08	-	·10	·03	-	21
22	·23	-	·06	·08	-	·22	·04	·10	-	·11	·07	-	22
23	·02	·04	·05	·04	-	·65	·10	·08	·01	·03	-	-	23
24	·14	-	-	·04	·19	·04	·65	-	·06	·28	-	·05	24
25	·10	-	-	·16	·09	-	-	-	·21	·30	·35	·02	25
26	·11	·25	·01	·18	·83	·02	·23	-	·32	-	·12	-	26
27	·05	·10	-	·05	-	·35	·05	-	-	-	·02	·01	27
28	·14	-	·03	·06	·26	·01	·30	-	-	·09	·14	-	28
29	·18	X	·06	-	·06	-	-	-	-	·10	·46	-	29
30	-	X	-	·03	·09	·46	-	·15	·07	-	-	-	30
31	·11	X	·03	X	·01	X	-	-	X	-	X	-	31
TOTAL	2·45	3·08	1·11	1·34	2·65	4·42	4·06	3·28	3·09	3·80	3·33	·36	YEAR'S TOTAL 32·97
Days with ·01 in. or more.	23	21	18	19	26	19	12	18	16	21	23	9	219
Days with ·04 in. or more.	19	18	11	13	14	15	11	17	13	17	19	4	174

(Signed) Arthur Hardcastle [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1927.

3284

3577

Kept at Colt Crag

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 654 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	·01	·03	-	·28	·27	-	-	·25	·43	-	1
2	·05	-	·14	·32	·18	-	·07	-	-	·02	·27	-	2
3	·04	·04	·12	-	·06	-	·12	-	-	-	·11	-	3
4	·08	-	·04	·24	·79	·14	·05	-	-	-	·06	-	4
5	·05	·06	·20	·07	·02	·04	·69	-	·09	-	·07	-	5
6	·04	-	·06	·09	-	·16	-	·78	·44	-	·05	-	6
7	·02	·10	·18	·06	-	-	·48	-	-	-	·35	·03	7
8	·29	-	·06	·02	-	·49	-	1·38	·02	·03	-	-	8
9	-	-	-	·34	-	-	-	·38	-	-	·14	-	9
10	-	-	·05	·05	-	-	-	·06	·39	-	-	·03	10
11	·05	-	·15	·16	-	-	-	·02	-	-	·15	·09	11
12	·10	-	·08	·05	-	-	-	·34	-	-	·06	·05	12
13	·15	·03	-	·16	·15	-	-	·47	·04	·26	-	·03	13
14	·03	-	-	·02	·13	-	-	·35	·11	·11	·04	·67	14
15	·06	-	-	-	-	-	-	·31	-	·10	·15	·19	15
16	-	-	-	-	·17	·10	-	·04	·10	·08	-	·02	16
17	-	-	-	-	-	·20	-	-	·14	-	-	·02	17
18	·03	-	-	·03	-	·09	-	·15	-	·02	·02	·09	18
19	-	·03	·09	-	-	-	-	·26	·12	·13	·60	·13	19
20	·31	-	-	-	·06	·02	·12	·14	1·24	-	·15	·02	20
21	-	·06	-	-	·05	-	1·00	·25	·98	·50	·24	·24	21
22	-	·04	·18	·18	-	·19	·24	·13	·63	·24	·12	·78	22
23	·06	·03	·21	·05	·08	·17	-	·03	-	-	·21	·11	23
24	-	-	·07	·11	·06	·16	-	·45	·02	·08	-	·31	24
25	·08	·15	·63	·51	-	·76	·02	-	·04	·20	-	·23	25
26	·18	·09	·05	-	-	·03	·70	-	·40	·15	-	·19	26
27	·20	·02	·04	·02	·03	·05	·50	·26	-	·01	-	-	27
28	·27	·15	-	·06	-	·10	·05	-	·04	·32	·06	·02	28
29	·17	✕	·20	-	-	-	-	-	·31	·02	-	-	29
30	·10	✕	·09	·02	-	1·32	·04	·06	·12	-	-	-	30
31	·01	✕	-	✕	·26	✕	-	·04	✕	-	✕	-	31
TOTAL	2·37	·80	2·65	2·59	2·04	4·30	4·35	5·90	5·23	2·52	3·28	3·25	YEAR'S TOTAL 39·28
Days with ·01 in. or more.	22	12	20	21	13	17	14	20	18	17	19	19	212
Days with ·04 in. or more.	18	8	19	15	11	15	13	18	16	12	18	12	175

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) Arthur Hardcastle.

[P.T.O.

3368

3577

Section **A** **for the entry of Daily Observations.**

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Colt Crag
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" Ground " Sea Level 654 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·35	·27	·17	·07	–	–	·14	–	–	–	·09	–	1
2	–	·09	·09	–	–	–	–	–	–	–	·30	–	2
3	–	·03	–	·04	·11	–	–	–	·06	–	·19	–	3
4	·09	·29	·34	·06	–	–	·17	–	·07	–	·02	·07	4
5	·10	·15	·12	–	–	–	·06	–	·26	·44	·17	–	5
6	·09	·02	–	–	–	·07	·02	·09	–	–	·05	·12	6
7	·17	·07	·03	–	–	·25	–	·42	·02	·28	–	–	7
8	·03	·10	·10	–	–	·23	–	·07	·09	·05	–	–	8
9	·15	·17	·38	–	–	·36	–	·05	·06	·09	–	–	9
10	·10	·10	·31	·18	–	–	–	·02	·08	–	·05	–	10
11	·02	·06	·82	·02	·02	·09	–	1·04	–	·60	·21	·47	11
12	·18	–	·34	·02	–	·06	–	·02	–	–	–	·09	12
13	·10	·21	·16	·06	·13	1·42	–	·18	–	–	·09	·02	13
14	·28	·05	·03	·01	–	·31	–	·04	·10	·17	·16	·03	14
15	·09	·07	–	·02	·10	·09	–	·02	·05	·02	·10	·25	15
16	·05	·29	·05	·02	·06	·03	–	·10	–	·12	·46	·18	16
17	–	·05	·14	–	–	·24	–	–	·15	–	–	–	17
18	·61	–	·04	–	·30	·14	–	–	·02	·24	·07	·05	18
19	–	–	·03	·02	·38	·38	–	·05	·08	·02	·35	–	19
20	·12	–	–	·13	·11	–	–	·59	–	·05	·13	–	20
21	·11	–	–	·07	–	·09	–	·15	–	·16	·21	·04	21
22	–	·02	·01	–	–	·04	–	–	–	·02	·14	·12	22
23	·36	–	·03	–	·06	–	·03	·16	·02	·04	·35	–	23
24	·22	–	·09	–	–	·09	–	·05	·02	·20	·19	·09	24
25	·16	–	–	–	–	·15	–	·05	·04	·07	·05	·08	25
26	·03	–	–	–	·19	·08	·63	·41	–	·12	–	–	26
27	·05	–	·12	–	·06	–	·09	·13	–	–	–	–	27
28	·18	–	–	–	–	·12	·30	–	·11	–	–	·15	28
29	·32	·03	·31	–	–	·03	·02	·31	–	·17	–	·28	29
30	·07	×	–	·09	·03	·05	–	·02	–	·02	–	·33	30
31	·58	×	·05	×	·02	×	–	·04	×	·25	×	–	31
TOTAL	4·61	2·07	3·76	·81	1·57	4·32	1·46	4·01	1·23	3·13	3·38	2·37	YEAR'S TOTAL 32·72
Days with ·01 in. or more.	26	18	22	14	13	21	9	22	16	20	20	16	217
Days with ·04 in. or more.	23	14	17	8	10	19	6	18	12	16	19	14	176

40-12-1-27
144w)

(Signed) Arthur Hardcastle.

[P.T.O.

3450

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 3577

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Colt Crag

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

„ Ground „ Sea Level 654 ft.

days

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	·07	-	·07	-	·17	·04	·04	-	·30	-	-	1
2	·05	·11	-	-	-	·13	-	·06	-	·32	·03	·08	2
3	·02	·04	-	-	-	·17	·04	·20	·06	·09	-	-	3
4	·10	-	-	·37	·27	·04	1·38	·54	-	·08	·08	·20	4
5	·06	-	-	-	-	·27	·08	·16	-	·17	·06	·17	5
6	·05	-	-	-	·23	·17	·02	·33	-	·08	-	·14	6
7	·03	-	-	·02	·02	·11	-	·14	-	·44	·21	-	7
8	-	·06	-	-	·02	·03	-	·02	-	·31	·06	·48	8
9	·48	-	-	-	-	·03	·02	-	-	-	1·10	·03	9
10	-	·03	-	-	·07	·08	·07	·17	-	·05	·04	·34	10
11	-	-	-	-	·11	-	·06	-	-	-	·12	·11	11
12	·03	-	-	-	-	·18	-	-	·05	-	·05	·09	12
13	·01	-	-	·05	·02	·10	-	·34	-	-	-	·10	13
14	·06	·07	-	-	·02	·28	-	·04	-	-	-	-	14
15	·35	·16	-	-	·18	·08	-	-	-	-	-	-	15
16	-	-	-	-	-	-	-	·25	-	·02	·09	-	16
17	-	-	-	·11	-	-	-	·12	-	-	·17	-	17
18	·03	-	-	·16	-	-	-	-	-	-	·30	-	18
19	-	-	-	·09	-	·06	-	-	·08	-	·05	·03	19
20	-	-	-	-	-	-	-	-	·02	·10	-	·12	20
21	-	·02	·06	-	-	·17	·02	·07	·02	-	-	·04	21
22	-	·06	-	·04	-	-	·55	·09	-	-	-	·08	22
23	·03	·02	-	-	-	-	-	·06	-	·48	·09	·27	23
24	·03	·22	-	·08	·03	·04	-	·03	-	·15	·03	·45	24
25	·08	·16	-	-	-	-	-	-	-	·02	·19	·45	25
26	-	·06	-	·31	-	-	-	-	-	-	-	·07	26
27	·05	-	-	·43	-	-	·02	·16	-	·15	·08	·04	27
28	·14	-	-	·21	-	-	·28	-	·78	·11	·14	·87	28
29	·22	×	-	-	-	-	-	·10	-	·16	·04	·13	29
30	·02	×	-	·02	-	-	·10	·07	·18	·04	·24	-	30
31	-	×	·02	×	-	×	·74	·07	×	-	×	·05	31
TOTAL	1·84	1·08	·08	1·96	·97	2·11	3·42	3·06	1·19	3·07	3·17	4·34	YEAR'S TOTAL 26·29
Days with ·01 in. or more.	19	13	2	13	10	17	14	21	7	18	20	22	176
Days with ·04 in. or more.	11	10	1	11	5	15	10	19	5	16	18	20	141

40-9999

(Signed) [illegible]

[P.T.O.

3520

3577

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Colt Crag

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 654 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·23	·95	-	·09	-	-	-	·50	-	-	·54	-	1
2	·16	·15	-	·28	-	-	·07	·48	-	-	·44	-	2
3	·09	·07	-	·07	-	-	·05	·10	-	·18	·06	-	3
4	·04	·11	-	·08	-	-	·02	·50	·08	·29	-	-	4
5	·06	·27	·10	-	·02	-	-	·02	-	·06	-	-	5
6	·08	·09	·15	·08	·02	-	-	·02	·23	·15	-	·09	6
7	·29	-	-	-	·18	-	-	-	·20	·11	·15	·20	7
8	·06	-	-	·07	·13	-	-	·02	-	·60	·05	·04	8
9	·13	-	·11	·21	·10	·09	-	·30	·25	-	-	-	9
10	·14	-	·27	-	·10	-	·02	·05	·50	·04	-	-	10
11	*·15	-	·06	·05	·04	-	-	·02	·05	·33	-	·24	11
12	*·27	-	·03	·12	·12	-	-	·38	·02	·05	-	·13	12
13	·29	-	-	·05	·22	-	·33	·13	·06	·03	-	·04	13
14	·54	·02	·22	-	-	-	·09	-	-	-	·17	·10	14
15	-	-	·32	·06	·05	-	-	-	-	·46	·20	-	15
16	·03	-	·28	-	-	·09	1·04	-	-	·06	-	·15	16
17	-	-	·14	·10	·31	·31	·36	·08	·54	-	-	-	17
18	-	-	·08	·25	·10	-	·15	·05	·26	·04	·48	·02	18
19	-	-	-	·18	·04	·20	·45	·23	·20	·06	·08	-	19
20	·02	-	·16	·09	·02	·04	·51	·27	·06	-	·38	·04	20
21	·03	-	·17	·02	-	·12	·13	·48	-	·16	·49	-	21
22	·12	·04	-	-	-	-	1·20	-	-	·13	·33	-	22
23	-	·02	-	·06	-	·07	·04	·03	-	·04	-	·05	23
24	·09	*·05	-	·18	-	-	-	·05	·03	-	·28	·04	24
25	-	*·11	·03	-	-	-	-	-	-	-	·11	·09	25
26	·16	·05	-	-	·04	-	-	-	·15	-	·04	·17	26
27	·17	-	-	·07	·02	·04	-	·06	·15	-	-	·07	27
28	-	-	-	·02	-	·04	·02	·04	-	·03	·02	·06	28
29	-	×	·11	-	-	-	·46	·76	·07	·15	·03	·06	29
30	-	×	-	-	-	·04	-	·36	·04	-	-	·33	30
31	·27	×	·05	×	-	×	-	-	×	·11	×	·02	31
TOTAL	3·42	1·93	2·28	2·13	1·51	1·04	4·94	4·93	2·89	3·08	3·85	1·94	YEAR'S TOTAL 33·94
Days with ·01 in. or more.	22	12	16	20	16	10	16	23	17	20	17	19	208
Days with ·04 in. or more.	19	10	14	18	12	10	13	18	15	18	15	17	179

40-9999

× Melted snow

(Signed) Arthur Hardcastle

P.T.O.

3296
3560
JAN 1922

FORM A. 1. **METEOROLOGICA** **ANIZATION.**

REGIS

CORBRIDGE
(HOWDEN DENE)
NORTHUMBERLAND.
1921 - 1930

2

Kept at Howden ... 9 a.m. ... Corbridge on Tyne
in the County of Northe...
by S. D. Straker

...n Gauge 5 in.
...ve Ground ... ft. 8 in.
Sea Level 200 ft.

IMPORTANT NOTE.—Rain ... ntered to the previous day.
If an Observer prefers not to conf... sted to add the reading at 9 a.m. on 1st Janua... t the end of this paragraph. Full instructions f... rain gauges, and particulars as to the British ... Observers," sent post-free on application to ... 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·10		·02					·65	·13				1
2	·21				·07			·27		·04		·07	2
3	·07		·06	·06				·13		·25	·25		3
4	·16		·16	·07	·06	·04		·01	·01	·08		·10	4
5		·02	·21		·09			·47	·02	·01	1·09	·05	5
6	·02	·03	·03		·25		·07	·05				·23	6
7			·02					·09					7
8		·02			·05	·25		·06			·05	·01	8
9	24							·33	·03				9
10	49							·12		·11			10
11	28				14			·20	·07	·04			11
1·80 12	1·80				·06	·06		·08	·06				12
13	·02		·03	·22				01	1·16	·06	·04		13
14			·04	·04	·17		·02		·05			04	14
15			·04	02			·17	·01				·01	15
16	·23						·03	·30			·02		16
17	·70		·02					·04	·01		·05		17
18	·08		·04	·14			·02	·01			·37	·23	18
19										·12	·02	·28	19
20						·09		·34			·08	·11	20
21	·16		·02			·06	·06	·21		·66	·08	·12	21
22	·04			·03		·02	·30	24		·59	·01	·05	22
23	·13			·10			·09		·01				23
24	·42	·01	·02	·08			·14					·06	24
25	·11			·08			·15					·01	25
26	02		22	·09	·04	·01		·07				·22	26
27	02						·14	·33				·25	27
28			·09		·49		·30	·32			·09	16	28
29		X			·03		02	·95				10	29
30		X			·13							·32	30
31	·13	X		X	·01	X	·02	·44	X	·33	X	·02	25 31 30
TOTAL	5·43	·08	1·02	·93	1·59	·53	1·53	5·76	1·55	2·29	2·13	2·44	25·44
Days with ·01 in. or more	21	4	15 ~~11~~	11	13 ~~14~~	7	14	25	10	11	12	19	159
Days with ·04 in. or more	17	—	8	9	11 ~~10~~	5	9	21	5	10	9	16 ~~15~~	~~118~~ 120

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3296
3560
JAN 1922

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921.

Kept at Howden Dene
in the County of Northumberland
by S. D. Straker-Smith

Lat. 55 Long. 2
Time of Observation 9 a. m.
Nearest Railway Station Corbridge on Tyne
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. 8 in.
" " " " Sea Level 200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ☐

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·10		·02					·65	·13				1
2	·21				·07			·27		·04		·07	2
3	·07		·06	·06				·13		·25	·25		3
4	·16		·16	·07	·06	·04		·01	·01	·08		·10	4
5		·02	·21		·09			·47	·02	·01	1·09	·05	5
6	·02	·03	·03		·25		·07	·05				·23	6
7			·02					·09					7
8		·02			·05	·25		·06			·05	·01	8
9	24							·33	·03				9
10	49							·12		·11			10
11	28				·14			·20	·07	·04			11
1·80 12	1·80				·06	·06		·08	·06				12
13	·02		·03	22				01	1·16	·06	·04		13
14			·04	·04	·17		·02		·05			04	14
15			·04	02			·17	·01				·01	15
16	·23						·03	·30			·02		16
17	·70		·02					·04	·01		·05		17
18	·08		·04	·14			·02	·01			·37	·23	18
19										·12	·02	·28	19
20						·09		·37			·08	·11	20
21	·16		·02			·06	·06	·21		·66	·08	12	21
22	·04			·03		·02	·30	24		·59	·01	·05	22
23	·13			·10			·09		·01				23
24	·42	·01	·02	·08			·14					·06	24
25	·11			·08			·15					·01	25
26	02		22	·09	·04	·01		·07				·22	26
27	02						·14	·33				·25	27
28			·09		·49		·30	·32			·09	16	28
29		X			·03		02	·95				10	29
30		X			·13							·32	30
31	·13	X		X	·01	X	·02	·44	X	·33	X	·02	25 ·31 30
TOTAL	5·43	·08	1·02	·93	1·59	·53	1·53	5·76	1·55	2·29	2·13	2·44	~~25·44~~
Days with ·01 in. or more	21	4	15 ~~11~~	11	13 ~~14~~	7	14	25	10	11	12	20 ~~19~~	~~159~~ 163
Days with ·04 in. or more	17	—	8	9	11 ~~10~~	5	9	21	5	10	9	16 ~~15~~	~~118~~ 120

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3404

3560

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Howden Dene
in the County of Northumberland
by T. D. Brazier-Smith

Lat. 55 Long. 2
Time of Observation 9 a.m
Nearest Railway Station Corbridge on Tyne
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. 8 in.
" " " " Sea Level 200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	06	·06			·13		·04	·01	·41		·02	·04	1
2	·01	·43	·10	·01									2
3		·68	·04	·02						·15	·15		3
4		·03	·01	·03	·06		·09						4
5			·13		·03		1·05			·14	·08	·03	5
6	·22		·03		·01		·77		·22		·01		6
7	·05		·01	·03				·26				·05	7
8	·10		·07				·48	·42		·02			8
9	·11		·09			·06	·24			·02	·05		9
10	·03										·16		10
11													11
12			·01	·49		·31	·25	·32	·28	·08			12
13	·25					·13	·08		·62			·08	13
14				·73		·11	·11	·02	·17			·03	14
15	·18	·07		·17			1·17	·03	·04			·20	15
16	·17	·04	·01	·02	·30		·04	·16		·01		·31	16
17		·39			·07			·03	·24	·02		·08	17
18	·16	·04				·14						·07	18
19	·04	·04	·05		·06			·01		·02		·02	19
20		·04	·10		·03	·02		·06	·20	·08		·87	20
21	·03	·01	·03	·06			·03	·27	·90	·02		·13	21
22	·01	·13	·03	·06		·15		·04		·07		·09	22
23			·06	·10	·10	·12				·03			23
24	·07		·18	·01		·04						·01	24
25	·46	·02	·15	·01		·07	·02		·01		·01	·05	25
26	·10	·12	·02	·04		·01	·08		·12	·11			26
27	·49	·26	·24	·17		·21			·13	·07	·04	·14	27
28	·06		·07	03			·21	·18	·50	·07		·02	28
29	·01	X	·02	·01		·10	·26		·17	·06		·80	29
30	·02	X	·07	·32		·04		·04	·30	·06	·05	·24	30
31	·11	X	·08	X		X	·03		X		X		31
TOTAL	2·74	2·36	1·60	2·31	·79	1·51	4·95	1·85	4·31	1·03	·57	3·26	YEAR'S TOTAL 27·28
Days with ·01 in. or more	22	15	23	18	9	14	17	14	15	17	9	19	192
Days with ·04 in. or more	16	12	14	9	6	12	14	9	14	10	6	14	136

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

3425
3560

9 JAN 192

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Howden Dene
in the County of Northumberland
by T. W. Braker-Smith

Lat. 55 Long. 2
Time of Observation 9 a.m.
Nearest Railway Station Corbridge on Tyne
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground — ft. 8 in.
" " " " Sea Level 200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·10	·14	·12	·09			·02		·13			·10	1
2	·11	·02		·07				·26	·31	·08	·22	·06	2
3	·03	·20	·12			·15			·07	·12	·40		3
4	·01					·04						·15	4
5	—		·02		·05	·02		·10		·07	·06	·14	5
6	·06	·07	·07					·42	·03	·07			6
7	·07	·33	·11				·08					·04	7
8	·13	·14	·09					·22		·12	·06		8
9	·08	·16		·22	·26	·03	·02	·03	·01	·12	·18		9
10	—	·28	·07	·52	·22		·19			·16	·03	·03	10
11	—	·02			·05				·02		·02		11
12	—	·45		·24	·02	·22		·30	·22	·11	·98	·04	12
13	·07	·08		·16	·26				·04		·11		13
14		·07			·02						·07	·06	14
15	·01	·10			·05	·06	·09	·24		·02	·62	·04	15
16	·01	·03			·36	·03	·02	·28			·22		16
17					·01	·06	·01	·06	·27		·03		17
18		·26		·02	·02			·11		·04			18
19	·02	·06			·02	·02	·24	·02	·04		·04	·01	19
20		·04		·02	·03			·35	·17	·11	·33		20
21		·09		·04				·27	·04	·01	·07	·44	21
22	·02	·06			·11		·16	·31	·03		·02		22
23	·04	·06		·07	·09			·21	·02	·18	·02		23
24		·08		·06	·06	·33	·07	·09	·15	·18		·02	24
25		·26			·23		·02	·03	·20	·09		·40	25
26		·49		·09	·09			·48		·14	·02	·01	26
27	·01	·07	·07	·02	·39		·10	·07		·40	·07	·07	27
28		·15	·16	·31			·08	·03			·13	·06	28
29		×		·03			·33	1·13	·02		·10	·21	29
30	·09	×			·03		·45	·01				·20	30
31		×	·28	×		×	·03	·03	×		×	·10	31
TOTAL	~~·85~~ ·86	3·41	1·11	1·96	~~2·38~~ 2·37	·96	1·91	5·05	1·44	2·02	3·80	2·18	YEAR'S TOTAL 24·40
Days with ·01 in. or more	16	25	10	15	20	10	16	23	17	17	22	19	210
Days with ·04 in. or more	9	22	9	11	13	6	10	17	11	15	16	15	154

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

FOR OFFICIAL USE.

3 JAN 1925

3246
3560

County No.
River Dist.
Station No.

Form 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Howden Dene
in the County of Northumberland
by T. D. Straker-Smith

Lat. 55 Long. 2
Time of Observation 9 a.m.
Nearest Railway Station Corbridge on Tyne
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 200 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	.02	.06	.01	.02	.24	.13	.15	.03	—	.38	—	1
2	24	—	—	—	.08	—	.01	.10	—	—	.07	.21	2
3	—	—	—	.07	.06	—	.49	—	—	—	—	.05	3
4	—	—	—	—	.14	—	.21	.02	.03	.09	—	.44	4
5	—	.03	—	—	.04	.07	03	—	—	.10	—	.09	5
6	—	—	—	—	.48	.18	.07	—	.14	.75	—	—	6
7	—	—	—	.03	.12	.31		—	.41	.24	—	—	7
8	.04	—	—	.01	.03	.16	—	—	.02		—	.19	8
9	03	.07	—	—	.07	.07	—	—	.19		—		9
10	.01	.24	—	.04	—	.02	—	—		.09	—	.05	10
11	.19	.16	—	—	.07	.10	.04	—	—	.01	.08	—	11
12	.20	.02	—	—	—	.02	—	.29	—	—	—	—	12
13	08	—	—	.15	.03	—	—	.05	.02	—	.01	.03	13
14	.01	—	—	.03	.04	—	.02	.03	—	.02	—	.02	14
15	—	.11	—	—	.05	—	—	—	—	01	—	.06	15
16	—	—	—	—	—	—	.01	—	.14	—	—	—	16
17	.04	.05	—	—	.37	.09	—	.28	.08	.02	—	—	17
18	.16	—	—	.02	.25	.02	.02	.02	—	.16	—	—	18
19	.03	—	—	—	.02	—	.09	.01	.44	—	—	—	19
20	—	—	—	—	.13	—	.64	.12	.10	—	—	—	20
21	.23	—	.02	—	.02	—	.39	.07	.33)	.10	.02	—	21
22	.26	—	.11	—	.04	—	.07	.34	.29	—	.05	.05	22
23	—	—	.48	.19	.10	—	.08	.16	.12	—	—	.10	23
24	—	—	.17	.05	.30	—	—	.13	—	—	—	.03	24
25	—	.05	.03	.08	—	—	.16	.05	.02	—	.05	.15	25
26	.26	—	—	.07	.02	.02	.31	—	.07	.48	.21	.06	26
27	—	.04	—	.27	—	—	.31	.03	—	.48	06	.09	27
28	—	.12	—	.30	—	.04	.09	.20	—	.05	.05	.03	28
29	—	.01	—	.05	—	.16	.49	.17	—	.27	—	.27	29
30	—	X	—	—	.30	—	.03	.02	.10	.11	—	.09	30
31	—	X	—	X	2.33	X	.06	—	X	.22	X	.07	31
TOTAL	1.78	.92	.87	1.37	5.11	1.50	3.75 ~~3.96~~	2.27	2.53	3.20	.98	2.08	YEAR'S TOTAL ~~26.9~~ 26.36
Days with .01 in. or more.	14	12	6	13	24	14	22	19	17 ~~18~~	17	10	19	159
Days with .04 in. or more	10	8 7	4	10	18	10	17	13	12	13	8 ~~2~~	15	137

VVV
C
a.W.B

Section **A** for the entry of Daily Observations.

Car. for auth. & agr^d by Obs.

FOR OFFICIAL USE.

3283
3560

AIR MINISTRY.

FORM 1090.

D'' 16

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Howden Dene Corbridge

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. 8 in.

" Ground " Sea Level 200 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·40	—	·36	·29	·37			·13	·01		·16		1
2	·12	·03	·03				·02	·19			·03		2
3	·94	·02	·01	·25			·02	·03	·12	·13	·21		3
4	·03	·10			·31						·13		4
5	·07	·11			·32			·07	·03		·02		5
6	–	·12		·18	·22	·04	·03	·29	·03		·28		6
7	–	·02	·08	·11	·08			·44	·21		·79	·02	7
8	·03	·12	·04	·07	·23			·04	·01		·06	·11	8
9		·04		·06	·06		·04		1·18			16	9
10		·72	·09	·12	·03				·12		·07		10
11		·30		·11					·08	·04			11
12		·07			·01			·05		·12			12
13	·03	·17	·03					·05	·02				13
14		·22	·06	·04								·74	14
15		·05		·17					·07	·03		·15	15
16	·02	·23								·20	·03	·02	16
17		·03		·05	·01				·12				17
18				·35	·04							46	18
19		·07	·40		·23	·03			·52	·10		64	19
20			·61		·05	·04	·26	·15	·04	·29		·65	20
21		·05	·05					·83		·02		·67	21
22			·02	·09			·15	·30	·57	·21			22
23	·26	·03		·02	·25			·45	·05	·07		·03	23
24	·02	·14	·05	·07	·65			·15		·36	·05	·	24
25	·05	·11	·26	·06	·03		·32		·32		·04		25
26	·02	·15	·05	·18	·15		·17	·18	·04	·18	·10	·01	26
27		·08		·03	·07			·23		·07	·02	·04	27
28	07	·21		·02	·04					·12	·02	·08	28
29	·45	×		·12	·03		03		·03		06	·61	29 ~~803~~
30	·07	×		·40	·07		·09				·15	·30	30
31	·02	×		×	·02	×		·03	×	·03	×	·40	31
TOTAL	2·60	3·19	2·14	2·49	3·27	·11	~~1·17~~ 1·13	3·61	=3·57	1·97	2·13	5·09	YEAR'S TOTAL 31·60 31·70
Days with ·01 in. or more.	16	24	15	21	22	3	10	14	19	15	17	17	196
Days with ·04 in. or more.	9	19	11	18	16	2	6	15	13	12	12	13	145

(Signed) [illegible] Bruker-Smith [P.T.O.

FORM 1090.

‚ The following register
&c., is required if
values cannot be gi
side.

RAINFALL I

NOTE.—Records taken in
be entered on Fo

At......

In the County of......

Rain Gauge
Diameter of Funnel....
Height of Top above Ground
Height of Ground above Sea

Month.	Total Depth.	Greatest in 24 ho
	Inches.	Inches.
JAN.		
FEB.		
MAR.		
APR.		
MAY		
JUNE		
JULY		
AUG.		
SEPT.		
OCT.		
NOV.		
DEC.		
Total		

Rainfall for July. 1925.
from Howden Dene.
Corbridge.
Northumberland.

3283

2nd	·02.	January.	2.60.
3rd	·02.	February.	3.19.
6th	·03.	March.	2.14.
9th	·04.	April.	2.79.
20th	·26	May.	3.27.
22nd	·15	June.	·11
25th	·32.	July.	1.13.
26th	·17.	August.	3.61.
29th	·03.	September.	3.57.
30th.	·09.	October.	1.97.
	1.13.	November.	2.13.
		December.	5.09.
			31.60.

especially if a change
in its exposure), and

register should be sent :—
......
......

our of observation 9 a.m.
Direction S.W.
...... Direction W.
Direction......

uilding	Nothing
ft	—
ft	—
rth	East

of cross sections of gauges
ny of these please make a

British Rainfall, please

......

E YEAR.

sirable that answers to the

ng of the measured rainfall ?
nd of this fall ?

14th 15th - 18th Dec
29th 30th 31st Dec
Snow fall.

Signature......

M.O. 7
18 JAN 1926

D INSTRUCTIONS.

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

(b) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "total number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace."*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Printed under the authority of His Majesty's Stationery Office by JAS. TRUSCOTT & SON, LTD., Suffolk Lane, Cannon Street, E.C.

(*651) Wt. 10147—12525/772. 11,500. 12/25. T.S. 128.

FORM 1090.

⁎ *The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 192...

NOTE.—Records taken in millimetres should be entered on Form 1091.

At ....

In the County of ....

Rain Gauge
Diameter of Funnel..............................in.
Height of Top above Ground..............ft..............in.
Height of Ground above Sea Level..............ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
	Inches.	Inches.	Date.	·01 in. or more	·04 in. or more
JAN.					
FEB.					
MAR.					
APR.					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
Total					

Signature..

** Every observer is requested to fill in this section (especially if a change has been made in the position of the gauge or in its exposure), and also the space for notes as far as possible :—*

Name and Address to which any correspondence relating to this register should be sent :—

....

....

Latitude of Station 55° Longitude '2° Hour of observation 9 a.m.

Nearest Railway Station Corbridge N.E.R. Distance 1½ Miles Direction S.W.

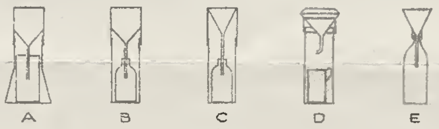
Nearest Parish Church Corbridge Distance 1 Direction W.

If gauge has been moved during the year state—

Date of move ——— Distance ——— Direction ———

Nature of objects nearest to gauge	Wall	Wall	Building	Nothing
Heights of objects	8 ft	7 ft	20 ft	—
Distances ...	24 ft	27 ft	50 ft	—
Directions...	South	West	North	East

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)



If you know of any record of rainfall not quoted in ***British Rainfall,*** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall ?
(b) What note was made of the times of beginning and end of this fall ?
(c) When was the measurement made ?

The Rainfall on dates 14th 15th - 18th - Dec Dec 19th - 20th - 21st 29th 30th 31st Dec was principally Snow fall.

M.O. 7
18 JAN 1926

D INSTRUCTIONS.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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(*651) Wt. 10147—12525/772. 11,500. 12/25. T.S. 128.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3560

3282

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1926.

Kept at Howden Dene. Corbridge-on-Tyne
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" Ground " Sea Level 200 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04	·04	—	·07	—	—	—	—	·11	·17	·22	·01	1
2	·01	·12	—	—	—	—	—	·04	·05	—	·17	·02	2
3	·28	—	·28	—	—	—	—	—	—	—	—	—	3
4	·01	·04	·19	—	—	—	—	—	—	—	·06	—	4
5	—	·12	·08	—	·08	—	·06	·41		·01	·03	·11	5
6	05	·35	·02	—	·17		53	·17	·01	·19	·12	·02	6
7	·14	·19	—	[illegible]	·06	·19	—	—	·07	·01	·02	·01	7
8	·04	·17	·01	—	—	—	·02	—	·19	·25	·10	—	8
9	—	·08	·35	·04	·17	·46	·04	·06	04	·15	—	—	9
10	—	·02	—	—	·05	·02	—	·12	—	·03	·14	—	10
11	—	·02	—	—	—	—	—	·18	·05	·08	·09	—	11
12	—	—	—	—	·02	·37	—	·08	12	46	·11	—	12
13	·08	—	—	—	·07	·03	—	—	·03	·22	—	·15	13
14	—	·40	—	·06	—	·39	—	·07	·22	·11	·19	·02	14
15	·16	·16	—	·06	·03	·54	—	·82	—	—	·07	·02	15
16	·01	·07	—	—	·06	·32	—	·07	·01	·05	·13	·01	16
17	·08	·07	·03	·09	·02	·07	—	03	—	—	·01	·09	17
18	·25	02	—	—	—	—	1·54	·13	—	·01	·37	—	18
19	—	·17	·06	·16	—	—	·18	·04	1·46	—	·02	·01	19
20	—	·18	—	—	·23	·07		·25	·45	—	·12	—	20
21	—	·17	·16	·23	·52	·02	·23	·09	—	·11	·01	·03	21
22	·14	—	·03	·07	—	36		·04	—	·13	·12	—	22
23	—	·02	—	·03	—	40	·14	·04	—	01	—	—	23
24	·05	—	—	·07	·26	·02	·30	—	·08	·47	—	·07	24
25	·06	—	—	·19	·03	—	—	—	·02	·29	·23	02	25
26	·03	·22	·03	·20	·67	—	·08	—	·25		·08	—	26
27	·25	·06	—	·09	—	·46	·06	—	—	—	·02	—	27
28	·13	—	—	·03	·19	·04	·27	—	—	—	·25	—	28
29	—	×	—	—	·02	—	—	—	—	—	·20	—	29
30	—	×	—	·02	—	·17	—		·06	—	·02	—	30
31	·09	×	—	×	·	×	—	·10	×	—	×	·02	31
TOTAL	1·90	2·69	1·24	1·41	2·65	3·93	3·45	2·74	3·22	2·75	2·90	·61	YEAR'S TOTAL 29·49
Days with ·01 in. or more.	19	21	11	15	17	17	12	18	14	18	25	15	203
Days with ·04 in. or more.	15	14	6	12	12	13	11	19	13	13	18	4	151

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) V. [illegible] Bowker-Smith [P.T.O.

3267

FOR OFFICIAL USE.

3560

Section **A** for the entry of Daily Observations.

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1927.

Kept at Howden Dene, Corbridge on Tyne

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" Ground " Sea Level 200 ft.

390

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		—	·06	·09	—	·22	·04	—	—	·12	·23	—	1
2	·03	—	·04	·24	·22	·06	·02	—	—	—	·23	—	2
3	·03	·02	·06	—	—	—	—	—	—	—	·14	—	3
4	·05	—	·03	·10	·76	·08	·06	—	—	—	·02	—	4
5	·02	·04	·32	—	·01	·02	·50	—	·02	—	·11	—	5
6	·03	·02	·02	·13	—	·18	·08	·54	·37	—	·02	-	6
7	·02	·13	·14	·02	—	·01	·49	·01	—	—	·37	·03	7
8	·09	—	·04	·03	—	·17	·01	·72	—	—	—	·01	8
9		—	—	·38	—	—	—	·60	·32	—	·14	—	9
10		—	·14	·08	—	—	—	·04	·03	—	—	—	10
11	·05	—	·05	·15	—	—	—	·01	—	—	·06	·16	11
12	·10	—	·01	·01	—	·02	—	—	·17	—	·01	·07	12
13	·10	—	—	·14	·16	—	—	·54	·10	·23	·01	·04	13
14	·04	—	—	·03	·12	—	—	·35	·02	·07	—	·59	14
15	—	—	—	·01	—	—	—	·18	·03	·06	·12	·28	15
16	—	—	—	—	·15	·15	—	·05	·20	·03	—	—	16
17	—	—	—	—	—	·02	—	—	—	—	—	—	17
18	·02	—	—	·01	—	·06	—	·64	·09	·11	·09	·14	18
19	—	—	—	—	—	—	—	·35	—	·11	·51	·11	19
20	·03	—	—	—	·09	·02	·10	·20	1·13	—	·09	·02	20
21	—	·02	—		·02	—	·64	·19	·84	·22	·26	·46	21
22	—	·02	·20	·18	—	·05	·45	·13	·64	·18	·03	·54	22
23	—	—	·07	—	·06	·64	—	·15	·05	—	·10	·11	23
24	—	—	·06	·18	·05	·02	—	1·14	·02	·04	·02	·28	24
25	·08	·05	·71	·35	—	·65	·05	—	·25	·04	—	34	25
26	·30	·08	·19	·01	—	·02	·40	·03	—	·18	—	·08	26
27	·16	·04	·04	·04	—	—	·59	·25	·03	·02	—	·11	27
28	·16	—	—	·03	—	·01	—	·27	·27	·23	04	—	28
29	·06	×	·12		—	—	—	—	·03	—	·03	—	29
30	·01	×	·02	—	—	·92	—	14	—	—	—	—	30
31	—	×	—	×	—	×	·02	·03	×	—	×	—	31
TOTAL	3 1·~~5~~8	·42	2·32	2·21	1·64	3·32	3·45	6·35	4·61	1·64	6 2·~~7~~3	3 3·~~2~~7	YEAR'S TOTAL 33·~~5~~4 3
Days with ·01 in. or more.	19	9	19	20	10	19	14	22	19	14	21	17	203
Days with ·04 in. or more.	11	5	~~14~~ 15	12	8	11	11	18	12	12	14	14	3 14~~2~~

40-12-1-27
144w)

(Signed) T. W. Drahar-Smith

[P.T.O.]

/ / / DL

3352

Section A for the entry of Daily Observations.

FOR OFFICIAL USE.

3560

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Howden Dene, Corbridge

in the County of Northumberland

Diameter of Funnel of Gauge Five in.

Height of top of Gauge above Ground One ft. — in.

" Ground " Sea Level 200 ft.

400

days.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·11	·19	·10	·15	·02	—	·07	—	·02	—	·06	—	1
2	·01	·09	·11	—	·02	—	—	—	—	—	·35	—	2
3	·01	·01	·01	—	·12	—	—	—	·02	—	·03	—	3
4	·10	·10	·15	·02	—	—	·20	—	—	—	·18	·03	4
5	·16	·01	·03	·01	—	—	·08	—	·24	·37	·04	·03	5
6	·09	—	·01	—	—	·01	·02	·14	—	—	—	·05	6
7	·14	·04	·04	—	—	·37	—	·06	—	·45	—	—	7
8	·02	·09	·05	·02	—	·33	—	·16	·14	—	—	—	8
9	·11	·20	·09	·01	—	·09	—	·04	·16	·52	·01	—	9
10	·11	·26	·36	·12	—	—	—	—	·12	·13	·05	·02	10
11	—	·05	·45	·10	—	·04	—	·59	—	·73	·25	29	11
12	·08	·01	·49	·02	·01	·05	—	·02	—	—	·01	·03	12
13	·07	·30	·07	·04	·14	·72	—	·12	—	—	·02	—	13
14	·19	·03	·01	—	—	·37	—	—	·03	·10	·19	·03	14
15	·12	·12	·01	—	·15	·14	—	·03	—	·09	·05	·20	15
16	·02	·26	—	·02	·05	·02	—	·08	—	·04	·46	·01	16
17	·04	·06	·06	—	·03	·45	—	—	·04	—	—	—	17
18	·37	·01	·01	—	·22	·15	—	—	—	·08	·01	·05	18
19	·01	—	·09	·08	·49	·10	—	33	·04	·10	40	—	19
20	·02	—	—	·02	·02	—	—	·70	·12	·17	·09	·03	20
21	·04	·01	·05	—	—	·15	—	·05	—	·01	·07	—	21
22	—	·01	·05	—	03	·04	—	—	—	—	·20	·07	22
23	·05	—	·03	—	·01	·01	·02	·15	·01	·01	·21	—	23
24	·15	—	—	—	—	·05	—	·08	·05	·20	·17	—	24
25	·19	·01	·09	—	—	·18	—	·02	·01	·02	·07	·15	25
26	·06	·01	·01	—	·16	·05	·66	·28	—	·19	—	·02	26
27	·04	·01	—	—	02	·01	·08	·14	07	·02	—	—	27
28	·15	·02	·52	—	·03	·01	·04	—	—	—	—	·06	28
29	·24	—	·01	—	—	·03	·09	·31	—	·12	—	·17	29
30	·25	×	·07	·13	02	·08	—	·03	—	·06	—	·67	30
31	—	×	—	×	—	×	—	·12	×	·16	×	·05	31
TOTAL	2·95	1·90	2·97	·74	1·54	3·45	1·26	3·45	1·07	3·57	2·92	1·96	YEAR'S TOTAL 27·78
Days with ·01 in. or more.	28 6	23 11	26 9	13 4	17 10	23 6	9 2	20 4	14 5	20 4	21 5	18 8	[illegible]
Days with ·04 in. or more.	22	12 11	14	6	4	14	4	16	9	16	16	10	154 5

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(Signed) T. D. Straker-Smith

[P.T.O.

3434

Section **A** for the entry of Daily Observations. ✓ I.V.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

3560

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Circ. D.1. sent 3.2.30

400

Above agrees see file 9261/30

Kept at Howden Dene

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 200 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04	·03	—	·06	—	·04	—	·01	—	·06	—	·01	1
2	—	—	—	—	—	·04	—	·19	—	·03	·01	04	2
3	·05	·13	·01	—	·02	·15	·15	·20	—	—	—	·02	3
4	·06	—	—	·27	·02	·03	1·06	·43	—	·05	—	·32	4
5	·05	—	—	—	—	·36	·20	·15	—	·26	·04	·06	5
6	·04	—	—	—	·25	·11	—	·86	—	·03	—	·22	6
7	—	—	—	—	·04	·08	—	·10	—	·24	·14	·02	7
8	·04	·06	—	·03	·05	—	—	·03	—	·34	·04	·14	8
9	·18	—	—	·08	—	—	—	—	—	—	·43	·10	9
10	·06	—	—	·01	·05	—	—	·04	—	—	·03	·26	10
11	·02	—	—	—	·08	—	·03	09	—	—	·14	·15	11
12	—	—	—	—	—	·12	—	·02	·03	—	·04	·09	12
13	·03	—	—	·04	·04	·21	—	—	—	—	—	·02	13
14	·04	·04	—	·02	·07	·09	—	·16	—	—	—	—	14
15	·49	·30	—	—	·24	—	—	—	—	—	—	—	15
16	—	—	—	—	—	—	—	—	—	—	·03	·02	16
17	—	—	—	—	—	—	—	·23	—	·05	·12	—	17
18	·01	—	—	—	—	—	—	·10	—	·02	·19	—	18
19	—	—	·01	·12	—	—	—	·06	·19	—	—	—	19
20	—	—	—	—	—	—	—	·01	·03	·04	—	·13	20
21	—	·09	·02	—	—	·02	·09	·06	—	—	—	·02	21
22	—	·03	—	·04	—	—	·69	·09	—	—	—	·04	22
23	·05	·04	—	·02	—	—		·05	—	·43	·04	·29	23
24	·02	·11	—	·02	·14	—		·11	—	·09	·04	·56	24
25	·08	·18	—	—	—	—		—	—	—	·25	·54	25
26	·02	·08	—	·39	—	—		—	—	—	·01	·02	26
27	·12	—	—	47	—	—	·02	·04	—	·05	·04	·03	27
28	·14	·10	—	24	—	—	24	·02	·83	·08	·14	·41	28
29	·21	~~×~~	—	·01	—	—	·01	—	·02	·02	·05	·09	29
30	·01	×	03	—	—	—	·21	—	·06	·06	·18	—	30
31	—	×	—	×	—	×	·58	—	×		×	—	31
TOTAL	1·49	1·19	·04	1·85	1·00	1·31	3·28	3·08	1·16	1·91	2·38	3·63	YEAR'S TOTAL ~~23·05~~ 22·65
Days with ·01 in. or more.	~~21~~	~~12~~	~~4~~	~~15~~	~~11~~	~~·11~~	~~11~~	~~22~~	~~6~~	~~16~~	~~19~~	~~24~~	~~142~~
Days with ·04 in. or more.	~~15~~	~~10~~ 9	~~0~~	~~9~~	~~9~~	~~9~~	~~8~~	~~14~~	~~3~~	~~12~~	~~15~~	~~16~~	~~12~~~~2~~3

~~3·28~~

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(Signed) T. D. Bruner-Smith

[P.T.O.

3503

3560

400

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Howden Dene. Corbridge on Tyne

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 200 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·66	·02	·15	—	—	—	·42	—	—	·28	—	1
2	·19	·12	—	·18	—	—	—	·47	—	—	30	—	2
3	·15	·03	—	·14	·03	—	·15	·16	·02	·41	·12	—	3
4	·03	·24	·03	·03	·02	—	·06	·49	·10	·13	—	—	4
5	·10	·17	·10	—	·05	—	—	—	—	·04	—	·02	5
6	·05	·17	·06	·09	·32	—	—	—	·21	·06	·02	·02	6
7	—	·01	—	—	·15	—	—	—	·18	·14	·05	·31	7
8	·17	·02	—	·16	·05	—	—	·02	—	·34	—	—	8
9	·10	—	·11	·21	—	·04	—	·29	·19	—	—	—	9
10	·06	—	·14	—	·12	·14	—	·08	·16	—	·02	·03	10
11	·22	—	·05	·01	·02	·02	—	—	·08	·16	—	·33	11
12	·11	—	·07	·01	·07	·22	—	·17	·03	·07	—	·14	12
13	·48	—	·01	·02	·19	·02	·20	·11	·08	—	—	·02	13
14	·41	·03	·02	—	—	·05	·01	—	·07	—	·37	·10	14
15	·59	—	·39	—	—	—	·78	·07	—	·25	·14	—	15
16	—	—	·40	—	—	·22	·01	—	—	·08	—	·01	16
17	·01	—	·17	·05	·12	—	·29	·06	·44	·03	—	—	17
18	—	—	·12	·15	·04	·03	·07	·03	·03	·02	·55	—	18
19	—	—	—	·23	—	—	·11	·48	·21	·03	·04	—	19
20	—	—	·15	·16	—	—	·98	·60	·21	—	·22	—	20
21	·02	—	·10	·07	—	—	·39	·06	·01	·11	·18	—	21
22	—	·06	—	—	—	—	1·68	—	·07	·07	30	—	22
23	·01	—	—	·03	·03	—	·11	·02	—	·02	·02	·02	23
24	·06	·07	—	·19	·07	—	·02	·04	·02	·03	·42	—	24
25	—	·07	—	—	—	—	—	·02	·06	—	·08	·04	25
26	·40	02	—	·03	—	—	·01	·21	·20	—	·02	·23	26
27	·13	—	—	·06	—	—	—	—	·11	·01	·02	·12	27
28	—	·01	—	—	—	—	·05	—	·02	·02	·04	·15	28
29	—	×	·05	—	—	—	·81	1·78	15	·08	·04	·11	29
30	·02	×	·04	—	—	13	·15	·34	·04	·02	—	·47	30
31	·23	×		×	—	×	—		×	·15	×	—	31
TOTAL	3·54	1·68	2·03	1·91	1·22	·90	5·88	5·89	2·57	2·24	3·23	2·12	YEAR'S TOTAL 33·21
*Days with ·01 in. or more.	21	14	18	19	14	9	18	21	23	22	20	16	215
*Days with ·04 in. or more.	16	8	14	12	9	6	16	16	15	13	15	10	139

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*See Instruction 2 (*f*) on other side.

(Signed) T. D. Brahm-Smith

P.T.O.

33.41.

FORM A. 1. **METEOROLOGIC** **IZATION.**

REGIS

DODD~~INGTON~~

VICARAGE

NORTHUMBERLAND

1921- 1925

W

Kept at Doddingt

oler 2¾ miles S

in the County of North

auge 8 in.

by J. G. Shotton

Ground 1 ft. 4 in.

ea Level 140 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.0	.10	.01	.0	.0	.0	.0	.41	.20	.0	.0	.0	1
2	.0	.0	.0	.0	.15	.0	.0	.05	.0	.04	.14	.0	2
3	.08	.0	.02	.0	.0	.0	.0	.27	.0	.31	.04	.0	3
4	.20	.0	.40	.0	.0	.0	.0	.0	.0	.04	.02	.0	4
5	.0	.05	.17	.0	.31	.0	.0	.21	.0	.0	.47	.17	5
6	.0	.06	.08	.0	.12	.0	.17	.0	.0	.0	.0	.02	6
7	.0	.0	.0	.0	.0	.0	.0	.03	.0	.0	.04	0	7
8	.02	.0	.0	.0	.07	.17	.0	.0	.0	.0	.21	.0	8
9	.10	.0	.0	.0	.0	.0	.0	.15	.03	.0	.0	.0	9
10	.55	.0	.0	.0	.0	.0	.0	.15	.07	.0	.0	.0	10
11	.09	.0	.0	.0	.04	.0	.0	.16	.0	.0	.0	.0	11
12	.47	.0	.0	.0	.0	.03	.0	.07	.02	.02	.0	.0	12
13	.0	.0	.20	.08	.0	.0	.0	.64	.80	.15	.01	.0	13
14	.0	.0	.10	.0	.0	.0	.0	.03	.01	.0	.0	.0	14
15	.0	.0	.18	.11	.0	.0	.0	.0	.0	.0	.0	.02	15
16	.27	.0	.03	.0	.01	.0	.0	.18	.0	.0	.13	.0	16
17	.05	.0	.01	.03	.0	.0	.0	.06	.0	.0	.04	.02	17
18	.0	.0	.0	.06	.0	.0	.06	.0	.0	.0	.40	.06	18
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.11	.06	.22	19
20	.0	.0	.0	.0	.0	.20	.0	.40	.0	.0	.10	.04	20
21	.05	.0	.04	.03	.0	.08	.15	1.43	.0	.85	.08	.07	21
22	.05	.0	.0	.0	.0	.20	.09	.0	.0	1.05	.0	.02	22
23	.48	.0	.0	.0	.0	.0	.0	.0	.11	.03	.02	.0	23
24	.70	.03	.02	.11	.0	.0	.50	.0	.0	.03	.0	.07	24
25	.12	.0	.01	.03	.10	.0	.20	.0	.0	.0	.0	.0	25
26	.0	.0	.10	.0	.06	.02	.0	.11	.0	.0	.0	0	26
27	.02	.0	.02	.0	.02	.0	.32	.23	.0	.0	.0	.22	27
28	.0	.0	.0	.0	.80	.0	.70	.02	.0	.0	.09	.04	28
29	.0	╳	.03	.0	.02	.0	.09	.40	.02	.0	.0	.10	29
30	.04	╳	.0	.0	.18	.0	.0	.0	.0	.0	.0	.19	30
31	.60	╳	.0	╳	.03	╳	.05	57	╳	.11	╳	.0	31
TOTAL	3.89	.24	1.42	.45	1.91	.70	2.31	4.97	1.26	2.74	1.85	1.26	YEAR'S TOTAL 23.00 ✓
Days with ·01 in. or more	17	4	16	7	13	6	10	20	8	11	15	14	141 ✓
Days with ·04 in. or more	15	3 ~~3~~	8	4	9	4	10	17	4	8	12	10	104 ✓

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A. 1. **METEOROLOGIC** … **IZATION.** 3341

REGISTER OF RAINFALL IN 1921.

Kept at Doddington v Wooler S.O.
in the County of Northumberland
by J G Shotton

Lat. 55.36N Long. 2 W
Time of Observation 9 am.
Nearest Railway Station Wooler 2¾ miles S
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 4 in.
" " " " Sea Level 140 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.0	.10	.01	.0	.0	.0	.0	.41	.20	.0	.0	.0	1
2	.0	.0	.0	.0	.15	.0	.0	.05	.0	.04	.14	.0	2
3	.08	.0	.02	.0	.0	.0	.0	.27	.0	.31	.04	.0	3
4	.20	.0	.40	.0	.0	.0	.0	.0	.0	.04	.02	.0	4
5	.0	.05	.17	.0	.31	.0	.0	.21	.0	.0	.47	.17	5
6	.0	.06	.08	.0	.12	.0	.17	.0	.0	.0	.0	.02	6
7	.0	.0	.0	.0	.0	.0	.0	.03	.0	.0	.04	0	7
8	.02	.0	.0	.0	.07	.17	.0	.0	.0	.0	.21	.0	8
9	.10	.0	.0	.0	.0	.0	.0	.15	.03	.0	.0	.0	9
10	.55	.0	.0	.0	.0	.0	.0	.15	.07	.0	.0	.0	10
11	.09	.0	.0	.0	.04	.0	.0	.16	.0	.0	.0	.0	11
12	.47	.0	.0	.0	.0	.03	.0	.07	.02	.02	.0	.0	12
13	.0	.0	.20	.08	.0	.0	.0	.04	.80	.15	.01	.0	13
14	.0	.0	.10	.0	.0	.0	.0	.03	.01	.0	.0	.0	14
15	.0	.0	.18	.11	.0	.0	.0	.0	.0	.0	.0	.02	15
16	.27	.0	.03	.0	.01	.0	.0	.18	.0	.0	.13	.0	16
17	.05	.0	.01	.03	.0	.0	.0	.06	.0	.0	.04	.02	17
18	.0	.0	.0	.06	.0	.0	.06	.0	.0	.0	.40	.06	18
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.11	.06	.22	19
20	.0	.0	.0	.0	.0	.20	.0	.40	.0	.0	.10	.04	20
21	.05	.0	.04	.03	.0	.08	.15	1.43	.0	.85	.08	.07	21
22	.05	.0	.0	.0	.0	.20	.09	.0	.0	1.05	.0	.02	22
23	.48	.0	.0	.0	.0	.0	.0	.0	.11	.03	.02	.0	23
24	.70	.03	.02	.11	.0	.0	.50	.0	.0	.03	.0	.07	24
25	.12	.0	.01	.03	.10	.0	.20	.0	.0	.0	.0	.0	25
26	.0	.0	.10	.0	.06	.02	.0	.11	.0	.0	.0	0	26
27	.02	.0	.02	.0	.02	.0	.32	.23	.0	.0	.0	.22	27
28	.0	.0	.0	.0	.80	.0	.70	.02	.0	.0	.09	.04	28
29	.0		.03	.0	.02	.0	.09	.40	.02	.0	.0	.10	29
30	.04		.0	.0	.18	.0	.0	.0	.0	.0	.0	.19	30
31	.60		.0		.03		.05	57		.11		.0	31
TOTAL	3.89	.24	1.42	.45	1.91	.70	2.31	4.97	1.26	2.74	1.85	1.26	YEAR'S TOTAL 23.00
Days with ·01 in. or more	17	4	16	7	13	6	10	20	8	11	15	14	141
Days with ·04 in. or more	15	3	8	4	9	4	10	17	4	8	12	10	104

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

Exd 7088

3447

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Doddington Vicarage

in the County of Northumberland

by J. G. Shotton.

Lat. ______ Long. ______

Time of Observation 9 a.m.

Nearest Railway Station Wooler 2¾ miles

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 4 in.

" " " " Sea Level 140 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.0	.07	.0	.03	.0	.0	.03	.0	.44	.0	.12	.01	1
2	.0	.16	.02	.03	.0	.0	.01	.03	.08	.0	.0	.0	2
3	.0	.25	.02	.09	.01	.0	.0	.0	.0	.20	.16	.0	3
4	.0	.10	.05	.03	.01	.0	.16	.0	.0	.0	.0	.0	4
5	.03	.0	.11	.0	.0	.0	1.13	.0	.0	.13	.10	.03	5
6	.12	.0	.02	.0	.0	.0	.96	.0	.01	.0	.31	.0	6
7	.02	.0	.0	.05	.0	.0	.02	.05	.0	.0	.0	.08	7
8	.06	.02	.03	.03	.0	.0	.29	.93	.08	.05	.0	.01	8
9	.03	.0	.12	.0	.0	.0	.20	.0	.0	.0	.03	.0	9
10	.0	.0	.0	.0	.0	.0	.0	.01	.0	.09	.11	.0	10
11	.0	.0	.01	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.01	.0	.51	.0	.60	.16	.12	.03	.07	.0	.0	12
13	.0	.0	.0	.0	.0	.23	.10	.07	.41	.0	.0	.07	13
14	.20	.0	.0	.57	.0	.0	.05	.0	.28	.0	.0	.0	14
15	.45	.10	.0	.10	.0	.0	1.07	.06	.03	.0	.0	.0	15
16	.20	.10	.03	.01	.65	.0	.10	.10	.01	.0	.0	.0	16
17	.0	.34	.0	.0	.0	.0	.0	.0	.15	.01	.0	.0	17
18	.20	.11	.0	.0	.05	.07	.0	.0	.03	.0	.0	.05	18
19	.0	.0	.04	.0	.0	.0	.0	.0	.03	.05	.0	.23	19
20	.05	.06	.05	.0	.0	.0	.0	.04	.14	.45	.0	1.10	20
21	.23	.07	.15	.0	.23	.0	.0	.04	.10	.0	.0	.05	21
22	.0	.0	.02	.0	.01	.08	.0	.03	.0	.05	.0	.06	22
23	.0	.0	.0	.01	.01	.06	.0	.0	.0	.10	.0	.0	.07 23
24	.03	.02	.07	.0	.0	.0	.01	.09	.0	.18	.0	.0	24
25	.55	.02	.14	.59	.0	.28	.0	.0	.0	.07 .07	.0	.03	25
26	.08	.03	.07	.30	.0	.0	.10	.0	.0	.20	.0	.0	26
27	.33	.20	.17	.03	.0	.08	.0	.0	.50	.10	.30	.02	27
28	.10	.03	.01	.0	.0	.0	.20	.04	.65	.25	.0	.07	28
29	.05	X	.10	.0	.0	.11	.13	.0	.0	.65	.0	.80	29
30	.0	X	.16	.09	.0	.0	.0	.02	.35	.17	.02	.35	30
31	.01	X	.11	X	.0	X	.15	.0	X	.05	X	.01	31
TOTAL	2.74	1.69	1.50	2.41	.97	1.51	4.87	1.63	3.32	2.87	1.15	2.97	YEAR'S TOTAL 27.63 ✓
Days with ·01 in. or more	18	17	21	15	7	8	18	14	17	18	8	16	177 ✓
Days with ·04 in. or more	13	11	13	8	3	8	14	10	11	17	6	10	~~114~~

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

3 J.G.S.

J.G.S. 124 ✓

in place of form* 1090 this being the better copy J.S.
* Copy original lent by observer, who mislaid his own figures

7 JAN 1924

FORM A/1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Doddington Vicarage

in the County of Northumberland.

by J. G. Shotton Vicar of Doddington

Lat. 55.15 N. Long. 2 W

Time of Observation 9 a.m.

Nearest Railway Station Wooler. N.O. 2¾ m.

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 140 ft.

IMPORTANT NOTE (Rev)—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.13	.11	.12	.01	.04	.01	.0	.34	.28	.0	.0	.33	1
2	.10	.06	.05	.09	.0	.0	.0	.14	.0	.0	.04	.0	2
3	.03	.04	.28	.01	.0	.15	~~.10~~ .0	.0	.06	.56	.11	.0	3
4	.0	.0	.0	.0	.0	.03	~~.10~~ .0	.0	.0	.03	.0	.24	4
5	.20	.0	.03	.0	.0	.07	.0	.03	.0	.0	.0	.0	5
6	.0	.15	.01	.03	.0	.0	.0	.43	.03	.0	.40	.0	6
7	.0	.54	.22	.01	.0	.0	.22	.03	.0	.03	.24	.10	7
8	.0	.09	.14	.0	.0	.0	.0	.49	.0	.0	.20	.08	8
9	.06	.20	.08	.57	.59	.0	.03	.0	.0	.0	.0	.0	9
10	.0	.30	.08	.30	.08	.09	.35	.0	.0	.0	.0	.0	10
11	.0	.10	.0	.0	.40	.0	.0	.0	.0	.0	.04	.0	11
12	.0	.24	.0	.20	.04	.15	.0	.08	.13	.14	.72	.05	12
13	.09	.07	.0	.04	.08	.0	.0	.0	.05	.0	.23	.0	13
14	.0	.20	.0	.0	.02	.0	.0	.0	.0	.0	.0	.64	14
15	.0	.17	.0	.0	.12	.11	.20	.0	.0	.0	.43	.05	15
16	.0	.03	.0	.0	.0	.02	.0	.17	.0	.0	.25	.0	16
17	.0	.01	.0	.0	.0	.05	.08	.03	.33	.0	.0	.0	17
18	.0	.08	.0	.0	.08	.01	.0	.0	.02	.11	.01	.0	18
19	.01	.0	.0	.0	.04	.0	.10	.07	.02	.0	.15	.0	19
20	.0	.08	.0	.0	.02	.0	.0	.50	.13	.13	.53	.0	20
21	.0	.07	.0	.0	.0	.0	.0	.0	.04	.0	.20	.0	21
22	.10	.0	.0	.0	.10	.0	.07	.0	.03	.0	.05	.09	22
23	.0	.03	.0	.0	.08	.0	.0	.13	.03	.23	.40	.0	23
24	.0	.10	.0	.25	.18	.10	.0	.01	.41	.07	.03	.0	24
25	.0	.12	.0	.05	.35	.0	.0	.05	.04	.20	.0	.20	25
26	.0	.43	.0	.0	.04	.0	.18	.04	.0	.37	.0	.05	26
27	.0	.12	.07	.06	.01	.0	.05	.02	.04	.15	.14	.21	27
28	.0	.19	.17	.0	.0	.0	.04	.09	.0	.10	.10	.13	28
29	.45		.01	.17	.04	.02	.12	1.39	.0	~~.08~~ .05	.10	.28	29
30	.0		.0	.15	.01	.0	.30	.0	.0	.0	.06	07	30
31	.0		.19		.01		.26	.14		.0		06	31
TOTAL	1.17	3.53	1.45	1.88	2.33	.81	2.00	4.18	1.64	2.17	4.34	2.58	YEAR'S TOTAL 28.08
Days with ·01 in. or more	9	24	13	14	20	12	13	19	15	13	21	15	188
Days with ·04 in. or more	7	21	11	10	15	7	12	14	10	11	19	15	152

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.162. A.&E.W.

COPY

Form 1096.
Formerly B.R.O., *Form* C.1.

PLEASE fill in name of place and month.

RAINFALL at Bedlington Vic **in the County of** Northumberland

In the Month of ~~........~~ **192........**

July October

AIR MINISTRY.

METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.

Date	Inches	Remarks on the Days.
1	·00	·00
2	·00	·00
3	~~·10~~	.0 ·56
4	~~·10~~	.0 ·03
5	·00	·00
6	·00	·00
7	·22	·03
8	·00	·00
9	·03	·00
10	·35	·00
11	·00	·00
12	·00	·14
13	·00	·00
14	·00	·00
15	·20	·00
16	·00	·00
17	·03	·00
18	·00	·11
19	·10	·00
20	·00	·13
21	·00	·00
22	·07	·00
23	·00	·23
24	·00	·07
25	·00	·20
26	·13	·37
27	·05	·15
28	·04	·10
29	·12	~~·03~~ .05
30	·30	·00
31	·26	·00
TOTAL	2·00	2·17 Days with ·01 in. or more ....
	adds 16	Days with ·04 in. or more ....
		adds 16
	~~2.20~~	~~2.30~~
	2.00	2.17

NOTE.—Observations returned on this form should be made at 9 a.m. (Greenwich Time) daily, and entered *to the day preceding* that on which the amount is measured. If this is not done the reading on 1st of following month should be entered in the triangular space below.

Records taken in millimetres should be entered on Form 1097.

1st of following month.

....

ON HIS MAJESTY'S SERVICE.

~~Dear Sir~~

ADDITIONAL REMARKS.

I must have made a mistake in copying from my original - sorry - I send you my rough copy. I have referred to the original entries in my diary, they are according to the enclosed copy.

I send stamped envelope for return of Forms 1090 1093

SIGNED J G Shotton

No writing on this side of the line.

File No
RY
Received 25 AUG 1924
Allocated
with enclosures

THE SUPERINTENDENT,
British Rainfall Organization,
Meteorological Office,
Air Ministry,
SOUTH KENSINGTON,
LONDON, S.W.7.

3285
9 JAN '25

FORM 1090

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Doddington Vicarage

in the County of Northumberland

by J G Shotton Vicar of Doddington (Wooler)

Lat. 55.15N Long. 2 west

Time of Observation 9 a.m.

Nearest Railway Station Wooler 2¾ miles

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 4 in.

" " " Sea Level 140 ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	in.	
1	0	.0	.0	.05	.0	.80	.0	.50	.0	.0	.08	.0	RRP 1
2	.04	.0	.0	.0	.05	.0	.02	.16	.0	.0	.20	.30	2
3	.0	.0	.0	.0	.08	.0	.90	.07	.0	.14	.0	.02	C 3
4	.01	.0	.0	.0	.16	.0	.0	.09	.0	.02	.0	.58	A. M. B. 4
5	.0	.0	.0	.0	.33	.08	.11	.0	.02	2.25	.0	.10	5
6	.0	.0	.0	.0	.34	.03	.03	.0	.0	.15	.0	.02	6
7	.0	.0	.0	.0	.64	.36	.19	.0	.62	.0	.0	.0	7
8	.0	.0	.0	.06	.26	.44	.0	.0	.03	.0	.02	.02	8
9	.10	.13	.0	.01	.07	.09 .04	.0	.0	.36	.10	.02	.0	9
10	.05	.03	.0	.0	.03	.0	.29	.0	.02	.01	.0	.0	10
11	.20	.14	.0	.0	.02	.25	.0	.03	.02	.0	.01	.01	11
12	.18	.12	.0	.0	.01	.15	.06	.02	.05	.0	.03	.0	12
13	.09	.01	.0	.18	.0	.0	.0	.0	.02	.0	.0	.03	13
14	.0	.0	.0	.04	.0	.02	.0	.01	.02	.02	.01	.0	14
15	.0	.06	.0	.04	.0	.06	.0	.0	.0	.0	.0	.42	15
16	.0	.0	.0	.0	.03	.0	.0	.0	[illegible] 00	.0	.0	.0	16
17	.10	.12	.0	.0	.0	.08	.03	.56	.65	.01	.05	.0	17
18	.13	.04	.04	.01	11	.03	.0	.0	[illegible] 00	.18	.0	.01	18
19	.07	.0	.0	.0	.06	.0	.42	.0	.54	.03	.0	.0	19
20	.0	.01	.0	.0	.03	.0	.45	.08	.16	.04	.0	.0	20
21	.15	.0	.03	.06	.17	.03	.09	.0	.0	.04	.02	.0	21
22	.28	.0	.0	.0	.03	.0	.02	.42	.19	.0	.04	.21	22
23	.0	.01	.24	.03	.05	.0	.02	.05	.06	.0	.03	.02	23
24	.0	.04	.04	.06	.06	.0	.10	.47	.0	.0	0	.01	24
25	.01	.10	.01	.05	.22	.0	.06	.0	.0	.04	.02	.23	25
26	.0	.02	.0	.25	.01	.0	.0	.0	.03	.54	.17	.23	26
27	.01	.08	.0	.30	.01	.0	.06	.08	.0	.10	.13	.06	27
28	.01	.02	.0	.0	.0	.0	.0	.16	.01	.04	.17	.0	28
29	.0	.0	.0	.0	.0	.05	.09	.06	.02	.18	.01	.24	29
30	.01	X	.0	.02	.10	.0	.13	.0	.14	.02	.0	.05	30
31	.0	X	.0	X	1.60	X	.0	.0	X	.0	X	.0	669 31
TOTAL	1.38	.90	.36	1.16	4.47 4.47	2.47	3.07	2.71	2.36	3.91	1.01	2.56	YEAR'S TOTAL 26.36
Days with ·01 in. or more	16	15	5	14	24	14	18	15	18	18	16	18	191
Days with ·04 in. or more	10	8	3	10	16	10	13	11	9	12	9	10	121

Section **A** for the entry of Daily Observations. + + + 9/66 E.7

FOR OFFICIAL USE.

3322

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Doddington Vicarage

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 4 in.

„ Ground „ Sea Level 140 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	.45	.0	1.0	0	.10	.08	.0	.50	.0	.0	.40	.0	1
2	.15	.0	.18	.20	.0	.04	.07	.03	.04	.0	.08	.0	2
3	.08	.0	.03	.0	.0	.02	.0	.07	.17	.09	.32	.03	3
4	.0	.05	.0	.0	.28	.0	.0	.0	.0	.0	.05	.0	4
5	.0	.0	.0	.35	.38	.0	.0	.07	.0	.0	.01	.0	5
6	.0	.0	.0	.0	.0	.07	.22	.0	.0	.03	.22	.0	6
7	.0	.0	.0	.20	.04	.0	.02	.0	.22	.12	.23	.0	7
8	.0	.17	.05	.02	.0	.0	.0	.39	.06	.0	.58	.03	8
9	.0	.09	.0	.0	.0	.0	.03	.0	1.25	.0	.0	.08	9
10	.0	.22	.12	.0	.05	.0	.0	.02	.01	.0	.0	.0	10
11	.0	.22	.01	.0	.0	.0	.0	.40	.0	.0	.0	.15	11
12	.0	.04	.02	.01	.0	.0	.0	.02	.0	.0	.0	.0	12
13	.07	.15	.02	.0	.03	.0	.0	.09	.0	.0	.0	.0	13
14	.0	.71	.08	.05	.0	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.41	.01	.06	.0	.0	.0	.0	.03	.05	.24	.0	15
16	.0	.18	.0	.03	.0	.0	.0	.0	.23	.0	.0	.54	16
17	.0	.21	.0	.22	.0	.0	.0	.0	.05	.03	.0	.15	17
18	.0	.13	.0	.33	.0	.0	.0	.0	.03	.07	.0	.45	18
19	.0	.0	.22	.0	.0	.0	.0	.0	.43	.36	.0	.60	19
20	.0	.0	.14	.0	.0	.0	.32	.09	.0	.0	.0	.50	20
21	.0	.04	.09	.02	.0	.0	.0	.11	.0	.05	.0	.40	21
22	.0	.0	.0	.04	.0	.02	.0	.57	.80	.22	.03	.0	22
23	.16	.05	.0	.05	.10	.0	.05	.24	.20	.01	.04	.05	23
24	.0	.30	.04	.13	1.25	.0	.05	.0	.0	.01	.07	.0	24
25	.04	.18	.20	.05	.03	.0	.43	.0	.55	.01	.05	.0	25
26	.0	.21	.0	.44	.23	.0	.15	.06	.03	.18	.10	.0	26
27	.0	.29	.01	.20	.07	.0	.15	.0	.0	.07	.01	.0	27
28	.03	.70	.0	.0	.01	.0	.10	.0	.0	.0	.07	.0	28
29	.28	X	.0	.30	.20	.0	.28	.0	.0	.03	.24	.45	29
30	.04	X	.0	.35	.12	.07	.07	.0	.0	.0	.19	.40	30
31	.03	X	.18	X	.13	X	.04	.0	X	.0	X	.0	31 793
TOTAL	1.33	4.35	2.40	3.05	3.02	.30	1.98	2.60	4.10	1.33	2.93	3.83	YEAR'S TOTAL 31.22
Days with ·01 in. or more.	10	19	17	19	15	6	14	14	15	15	18	13	175
Days with ·04 in. or more.	8	19	11	15	12	4	12	11	11	9	15	11	138

(Signed) J. G. Shotton [P.T.O.

3314

JAN 1922

FALSTONE RECTORY

NORTHUMBERLAND

1921 — 1930

FORM A. 1. METEOROLO… ORGANIZATION.

RE… 1921.

Kept at Falstone… Long 2° 25' 40" W

…ion 9 a.m. G.M.T.

in the County of N… Station Falstone

…hel of Rain Gauge 5 in.

by Rev. A. J. D… Gauge above Ground 1 ft. — in.

„ „ Sea Level 485 ft.

IMPORTANT NOT… e result entered to the previous day.

If an Observer prefers not to co… estly requested to add the reading at 9 a.m. on 1st January o… ed for it at the end of this paragraph. Full instructions for the measurement… placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·09	·08	—	—	—	—	·83	·05	—	—	·02	1
2	·14	—	·08	—	·03	—	—	·25	—	·04	·27	—	2
3	·52	—	·43	·01	—	—	—	·09	—	·43	·31	—	3
4	·19	—	·15	—	·01	·02	—	·09	—	—	·06	—	4
5	·02	—	·22	·05	·12	—	—	·42	—	—	·55	·19	5
6	·13	·02	·04	—	·30	—	·03	·16	·01	·01	—	·67	6
7	·12	—	·05	—	—	—	—	·04	—	·20	—	·01	7
8	·42	·03	·02	—	·18	·45	—	·02	—	·01	·01	·04	8
9	·82	—	·03	—	—	·03	—	·11	·06	—	—	—	9
10	·96	—	—	—	—	—	—	·40	·26	—	—	·03	10
11	·23	·01	—	—	·15	·02	—	·03	—	·09	—	—	11
12	·97	—	—	—	·01	·06	—	·02	·05	—	—	·02	12
13	·05	—	·37	·19	—	—	—	·03	1·67	·10	·10	·02	13
14	·02	—	·04	—	·07	—	·18	—	·01	—	·01	·17	14
15	·02	·02	·29	—	—	—	·15	—	—	—	—	·01	15
16	·74	—	·20	·13	—	—	·19	·36	—	·05	·07	·03	16
17	·23	—	·24	·01	—	—	—	·01	—	—	·02	·04	17
18	·03	—	·20	·09	—	—	·03	—	—	·02	·22	·24	18
19	·01	—	·09	—	·10	—	—	—	—	·17	·03	·21	19
20	·05	—	—	—	—	·05	—	·23	—	—	·01	·69	20
21	·33	—	·16	—	—	·05	·06	·13	·01	1·28	·12	·29	21
22	·12	—	·02	·08	—	·06	·50	·02	—	·69	·24	·07	22
23	·24	·01	·19	·08	—	—	·07	—	·04	—	—	·01	23
24	·45	·07	·21	—	—	—	·18	—	—	—	—	·07	24
25	·22	—	·10	·01	·11	—	·57	—	—	—	—	·07	25
26	·04	—	·06	·04	·03	—	·03	·27	—	·01	—	3·61	26
27	·03	—	·07	—	—	—	·21	·37	—	—	·06	·52	27
28	·04	·05	1·71	—	·52	—	·27	·49	—	—	·07	·66	28
29	·31		·02	—	·07	—	·03	1·27	·02	—	·01	·49	29
30	·04		·01	—	·28	—	·29	—	—	—	—	2·39	30
31	·91		—		·02		·18	·17		·40		·18	31
													YEAR'S TOTAL
TOTAL	8·41	0·30	5·08	0·69	2·00	0·74	2·97	5·81	2·18	3·50	2·16	10·75	44·59 ✓
Days with ·01 in. or more	31	8	26	10	15	8	16	23	10	14	17	26	204 ✓
Days with ·04 in. or more	24	3	21	7	10	5	12	17	6	10	11	18	144 ✓

3314

JAN 1922

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921.

Kept at Falstone Rectory
in the County of Northumberland
by Rev. A. J. Dexter.

Lat. 55° 10′ 32″ N Long. 2° 25′ 40″ W
Time of Observation 9 a.m. G.M.T.
Nearest Railway Station Falstone
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 485 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·09	·08	—	—	—	—	·83	·05	—	—	·02	1
2	·14	—	·08	—	·03	—	—	·25	—	·04	·27	—	2
3	·52	—	·43	·01	—	—	—	·09	—	·43	·31	—	3
4	·19	—	·15	—	·01	·02	—	·09	—	—	·06	—	4
5	·02	—	·22	·05	·12	—	—	·42	—	—	·55	·19	5
6	·13	·02	·04	—	·30	—	·03	·16	·01	·01	—	·67	6
7	·12	—	·05	—	—	—	—	·04	—	·20	—	·01	7
8	·42	·03	·02	—	·18	·45	—	·02	—	·01	·01	·04	8
9	·82	—	·03	—	—	·03	—	·11	·06	—	—	—	9
10	·96	—	—	—	—	—	—	·40	·26	—	—	·03	10
11	·23	·01	—	—	·15	·02	—	·03	—	·09	—	—	11
12	·97	—	—	—	·01	·06	—	·02	·05	—	—	·02	12
13	·05	—	·37	·19	—	—	—	·03	1·67	·10	·10	·02	13
14	·02	—	·04	—	·07	—	·18	—	·01	—	·01	·17	14
15	·02	·02	·29	—	—	—	·15	—	—	—	—	·01	15
16	·74	—	·20	·13	—	—	·19	·36	—	·05	·07	·03	16
17	·23	—	·24	·01	—	—	—	·01	—	—	·02	·04	17
18	·03	—	·20	·09	—	—	·03	—	—	·02	·22	·24	18
19	·01	—	·09	—	·10	—	—	—	—	·17	·03	·21	19
20	·05	—	—	—	—	·05	—	·23	—	—	·01	·69	20
21	·33	—	·16	—	—	·05	·06	·13	·01	1·28	·12	·29	21
22	·12	—	·02	·08	—	·06	·50	·02	—	·69	·24	·07	22
23	·24	·01	·19	·08	—	—	·07	—	·04	—	—	·01	23
24	·45	·07	·21	—	—	—	·18	—	—	—	—	·07	24
25	·22	—	·10	·01	·11	—	·57	—	—	—	—	·07	25
26	·04	—	·06	·04	·03	—	·03	·27	—	·01	—	3·61	26
27	·03	—	·07	—	—	—	·21	·37	—	—	·06	·52	27
28	·04	·05	1·71	—	·52	—	·27	·49	—	—	·07	·66	28
29	·31		·02	—	·07	—	·03	1·27	·02	—	·01	·49	29
30	·04		·01	—	·28	—	·29	—	—	—	—	2·39	30
31	·91		—		·02		·18	·17		·40		·18	31
													YEAR'S TOTAL
Total	8·41	0·30	5·08	0·69	2·00	0·74	2·97	5·81	2·18	3·50	2·16	10·75	44·59 ✓
Days with ·01 in. or more	31	8	26	10	15	8	16	23	10	14	17	26	204 ✓
Days with ·04 in. or more	24	3	21	7	10	5	12	17	6	10	11	18	144 ✓

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

Ed 9118

3421

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Falstone Rectory

in the County of Northumberland

by Rev. A. J. Dexter

Lat. 55.10.32 N Long. 2.25.40. W

Time of Observation 9 a.m. G.M.T.

Nearest Railway Station Falstone

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

" " " " Sea Level 485 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·31	—	—	—	·02	—	·15	·21	·26	—	—	·01	1
2	—	·38	—	—	·10	·06	·16	·17	—	·01	—	—	2
3	—	·48	·30	·01	·06	—	·04	—	—	·08	—	·01	3
4	—	·09	·87	·08	·17	—	·04	—	·01	—	—	—	4
5	·03	·03	1·03	—	·01	—	·69	—	·01	·27	·35	·13	5
6	·16	—	·16	—	·37	—	·73	—	—	—	·02	—	6
7	·22	—	·33	—	—	—	·01	·32	—	—	—	—	7
8	·22	—	·03	—	—	—	·34	·26	—	·01	—	—	8
9	·32	—	·03	—	—	·05	·08	·01	—	—	·07	—	9
10	·20	—	·01	·07	—	—	—	—	—	—	·16	—	10
11	·05	—	·01	·01	·03	—	—	·01	·02	—	—	·05	11
12	—	—	—	·54	—	·38	·08	·09	·54	·10	—	·20	12
13	·30	·02	—	·13	—	·05	·08	·08	·71	—	·01	·59	13
14	—	·03	—	·74	·01	·09	—	·01	·05	—	—	·06	14
15	·39	·08	—	·20	·02	—	·31	·13	—	—	—	·07	15
16	·09	·10	—	·06	·05	—	·05	·30	·29	—	—	·43	16
17	—	·52	—	—	·18	—	—	·24	·09	·02	—	·04	17
18	·23	·01	—	—	·11	·13	—	—	·14	·04	·01	·17	18
19	·03	·25	·07	—	—	·04	—	—	·03	·01	—	·11	19
20	·02	·06	·24	—	·04	·02	·04	·12	·40	·11	—	·50	20
21	·01	·44	·05	—	·09	·13	—	·13	·35	·04	—	·24	21
22	·01	·49	·06	—	·20	·21	—	·12	—	·04	—	·20	22
23	·01	·35	—	·12	·02	·28	—	—	·01	·02	—	·01	23
24	—	·01	·15	—	—	·05	—	·02	·02	—	—	·50	24
25	·20	·09	·25	—	·03	·06	—	—	·02	·01	·06	·18	25
26	·11	·14	·03	·28	—	—	—	·07	·25	·08	—	·27	26
27	·49	·19	·16	·22	—	·14	—	—	·10	·10	·01	·06	27
28	·10	·01	—	·04	—	·04	·27	·34	·37	·13	—	·10	28
29	·11	X	—	·02	—	·02	·16	—	—	·05	·02	·50	29
30	·05	X	·01	—	—	·13	·10	·03	·15	·02	·09	·08	30
31	—	X	·03	X	—	X	·27	—	X	·20	X	·01	31
TOTAL	3·66	3·77	3·82	2·52	1·51	1·88	3·60	2·66	3·82	1·34	0·80	4·52	YEAR'S TOTAL 33·90
Days with ·01 in. or more	23	20	19	14	17	17	18	19	20	19	10	24	220
Days with ·04 in. or more	17	14	12	11	10	15	17	14	13	12	5	20	160

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

Ex Shade ✓

JAN

AIR MINISTRY.

FORM 1090

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1929.

Kept at Falstone Rectory

in the County of Northumberland

by Rev. A. J. Dexter

Lat. 55° 10' 32" N Long. 2° 25' 40" W

Time of Observation 9 a.m. G.M.T.

Nearest Railway Station Falstone

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Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·19	·35	·07	·07	—	—	·02	·04	·14	·01	—	·30	1
2	·41	·23	·29	·07	—	—	—	1·16	·01	·04	·57	·04	2
3	·04	·26	·11	—	—	·12	·01	·02	·08	·06	·69	·07	3
4	—	—	·01	—	—	·01	·01	—	—	·01	·09	·16	4
5	·33	·01	·12	—	—	·05	—	·04	·06	·07	·07	·03	5
6	·08	·26	·13	·01	·01	—	—	·17	·03	·03	·01	—	6
7	·10	·30	·15	—	—	—	·07	·06	·—	·03	·15	·16	7
8	·55	·06	·07	—	·02	·31	—	·20	—	·14	·19	·05	8
9	·60	·21	·01	·33	·26	·08	·17	·02	·01	·11	·08	·06	9
10	—	·28	·05	·36	·62	·12	·15	—	—	·58	—	·05	10
11	—	·04	—	—	·13	·03	—	—	·12	·07	·10	—	11
12	—	·04	·14	·64	·05	·12	—	·17	·25	·17	1·17	·03	12
13	·10	·11	—	·07	·10	—	—	—	·12	—	·40	—	13
14	—	·03	—	·01	·16	—	—	—	—	—	·01	·15	14
15	·02	·35	—	—	·05	·04	·12	·01	—	·05	·49	·05	15
16	—	·07	—	—	·13	·02	·45	·55	·01	·03	·42	—	16
17	—	·02	—	—	—	·04	·09	·16	·19	—	·12	·07	17
18	—	·30	—	·01	·09	—	·10	·05	·05	·31	—	—	18
19	·13	—	—	—	·04	—	·12	·12	·42	—	·06	·01	19
20	—	·09	—	·01	·07	—	·04	·59	·14	·32	·28	—	20
21	·02	·04	—	·17	—	—	—	·18	·14	·40	·07	·50	21
22	·06	—	—	—	·10	—	·28	·22	·04	·13	·01	—	22
23	—	—	—	·02	·08	—	·01	·35	·32	·58	·01	·01	23
24	·01	·15	—	·39	·08	·08	·09	·02	·34	·37	·01	—	24
25	—	·27	—	·08	·11	—	·02	·13	·30	·28	·01	·30	25
26	·01	·50	—	·08	·02	—	—	·24	·01	·20	—	·07	26
27	·08	·01	·23	·01	·01	—	·13	·29	·48	·27	·01	·02	27
28	·02	·38	·08	·10	—	—	·15	·15	·01	·11	·12	—	28
29	·15	X	—	·09	—	—	·32	1·31	·01	·50	·09	·18	29
30	·01	X	—	·10	—	—	·52	·17	—	·05	·08	·26	30
31	·12	X	·06	X	—	X	·20	·19	X	·03	X	·14	31
TOTAL	3·03	4·36	1·52	2·62	2·13	1·02	3·07	6·61	3·28	4·95	5·31	2·71	YEAR'S TOTAL 40·61 ✓
Days with ·01 in. or more	20	24	14	19	19	12	21	26	23	27	26	22	253 ~~234~~ ✓
Days with ·04 in. or more	14	20	12	13	15	9	16	22	16	21	19	17	~~181~~ 194

2 JAN 1924

3444

Form 1093.

AIR MINISTRY,
METEOROLOGICAL OFFICE.
BRITISH RAINFALL ORGANIZATION.
KINGSWAY, LONDON, W.C.2,
or
METEOROLOGICAL OFFICE,
10, ROTHESAY PLACE, EDINBURGH.

RAINFALL IN 1923.

NOTE.—Records taken in millimetres should be entered on Form 1094

At *Falstone Rectory*

In the County of *Northumberland*

PLEASE FILL IN.

Rain Gauge

Diameter of Funnel 5 in.

Height of Top — Above Ground 1 ft. – in.

Height of Top — Above Sea Level 485 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
	Inches	Inches	Date.	·01 in. or more	·04 in. or more
JAN.	3·03	·60	9	20	14
FEB.	4·36	·50	26	24	20
MAR.	1·52	·29	2	14	12
APR.	2·62	·64	12	19	13
MAY	2·13	·62	10	19	15
JUNE	1·02	·31	8	12	9
JULY	3·07	·52	30	21	16
AUG.	6·61	1·31	29	26	22
SEPT.	3·28	·48	27	23	16
OCT.	4·95	·58	10 23	27	21
NOV.	5·31	1·17	12	26	19
DEC.	2·71	·50	21	22	17
Total	40·61	1031		253 ~~234~~	194 ~~184~~

Signature A. J. Dexter

Titles Rect.

[Please fill in the other side also.]

3263

FOR OFFICIAL USE.

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

County No.
River Dist.
Station No.

Kept at Falstone Rectory
in the County of Northumberland
by Rev. A. J. Dexter

Lat. 55° 10′ 32″ N Long. 2° 25′ 40″ W
Time of Observation 9 a.m. G.M.T.
Nearest Railway Station Falstone
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 485 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.
5 JAN

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·01	—	—	·02	·06	·22	·12	—	—	·47	—	1
2	·19	—	—	—	·04	—	·03	·01	—	—	·35	·06	2
3	—	—	—	—	·06	—	·71	·01	—	—	—	·01	3
4	·01	·07	—	—	·15	—	·29	·20	·02	·02	—	1·00	4
5	—	·07	—	—	·36	·04	·51	·03	·01	·71	—	·17	5
6	—	—	—	—	·31	·03	·22	·04	·13	·69	—	·01	6
7	—	·01	—	·01	·18	·18	·06	—	·35	·09	·01	·07	7
8	·07	—	—	·01	·09	·03	·01	—	·06	—	—	·03	8
9	·13	·09	—	·01	·54	·04	—	—	·03	·13	—	·01	9
10	·02	·06	—	—	·11	·06	·07	—	·06	·14	—	·03	10
11	·11	·07	—	—	·09	·23	·01	—	·09	·02	·05	·05	11
12	·63	·05	—	·01	·11	·05	·08	·18	·11	—	·01	—	12
13	·27	—	—	·16	·01	—	·03	·45	·02	·01	—	·16	13
14	—	·01	—	·01	·05	·01	—	·02	·04	—	—	·02	14
15	—	·05	—	·12	·05	—	—	·03	·41	—	—	·23	15
16	—	—	—	—	·08	—	·15	·37	·13	·02	—	·01	16
17	·28	·09	—	—	—	·03	—	·34	·23	—	—	·08	17
18	·45	—	—	·01	·21	—	·20	—	—	·16	—	·03	18
19	·19	—	—	—	·16	—	·80	·21	·88	·04	·02	—	19
20	·01	·01	—	—	·03	—	·54	·18	·30	—	—	·02	20
21	·28	—	·02	—	·34	·04	·03	·13	·14	—	·19	—	21
22	·33	—	·30	—	·01	—	—	·55	·33	—	·34	·42	22
23	·03	·01	·50	·19	·16	—	·09	·04	·10	—	·38	·20	23
24	·04	·01	·18	·33	·04	—	·04	·01	—	—	·02	·33	24
25	—	·05	·06	·40	·19	—	·40	·05	—	·01	·06	·15	25
26	·45	·01	—	·10	·22	·11	·13	·11	·02	·65	·28	1·09	26
27	·01	·07	—	·29	·08	—	·08	·19	—	·11	·15	·22	27
28	·02	·11	—	·39	—	·21	·71	·35	·42	·14	·10	·07	28
29	—	·01	—	·05	—	·16	·02	·10	·02	·34	—	1·33	29
30	—	×	—	·01	·25	—	·16	·01	·06	·41	·02	·38	30
31	·05	×	·01	×	·74	×	·24	·01	×	·31	×	·15	31
TOTAL	3·58	0·86	1·07	2·10	4·68	1·28	5·83	3·74	3·96	4·00	2·45	6·33	39·88 YEAR'S TOTAL
Days with ·01 in. or more.	21	19	6	16	28	15	26	25	23	18	15	27	239
Days with ·04 in. or more	14	11	4	9	24	11	20	17	17	13	10	18	168

RRR
~~CHD~~

1013

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3300

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Falstone Rectory

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" Ground " Sea Level 485 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	1·39	·01	·89	·01	·03	·02	—	·14	trace	—	·28	·01	1
2	·23	·05	·04	·33	·02	·02	·02	·12	·01	—	·10	—	2
3	·28	·07	trace	trace	—	—	·01	·05	·08	·25	·24	—	3
4	—	·22	—	trace	·36	—	—	—	—	—	·09	—	4
5	·06	·13	trace	·19	·34	·01	—	·04	—	trace	trace	—	5
6	—	·13	—	·11	·17	trace	·08	—	·02	trace	·04	trace	6
7	—	·09	·01	·01	·12	—	—	·09	·26	—	·19	·02	7
8	·20	·60	—	·13	·37	—	—	·95	·02	—	·15	·23	8
9	—	·23	—	·10	·04	—	·03	·03	·66	—	—	·47	9
10	·03	·85	·15	—	—	—	—	·15	·05	—	·05	—	10
11	—	·36	·07	—	·10	—	—	·05	·01	·01	—	—	11
12	·01	·13	trace	—	·09	—	trace	·21	—	·11	—	—	12
13	·05	·23	·03	·02	—	—	—	·01	·02	—	—	—	13
14	—	1·21	·04	·32	·04	—	—	—	trace	—	—	·17	14
15	—	·49	—	·38	·02	—	trace	—	·09	—	—	·19	15
16	·04	·16	·01	·01	—	—	·01	—	·02	·25	—	·01	16
17	·18	·09	·05	·21	·02	—	·01	trace	·10	·04	—	·02	17
18	·01	trace	—	·45	·05	—	—	—	·06	trace	—	·57	18
19	—	·01	·25	trace	·07	·03	—	—	·51	·17	—	·44	19
20	—	—	·24	—	·04	trace	·10	·07	·03	·33	—	·29	20
21	—	·07	·04	·12	—	—	—	·26	·09	·10	·02	·27	21
22	·02	·05	—	1·08	—	—	·02	·13	·82	·29	—	·05	22
23	·23	·05	·04	·10	·31	—	—	·41	·05	·12	—	·04	23
24	—	·13	·03	·03	·93	—	—	·16	—	·14	·08	·18	24
25	·01	·13	·34	·04	·01	—	·20	—	·32	·06	·02	—	25
26	·01	·12	trace	·08	·43	—	·42	·12	·08	·74	·06	·08	26
27	trace	·12	—	·01	·26	—	·17	·10	trace	·12	·02	·06	27
28	·59	·48	—	·07	·47	—	trace	·02	·03	·41	—	·34	28
29	·74	×	·03	·05	·58	—	·02	—	·05	·13	·10	·90	29
30	·23	×	·03	·51	·11	·05	·10	·01	—	trace	·05	·34	30
31	·15	×	·22	×	·63	×	·01	·04	×	·08	×	·39	31
TOTAL	4·46	6·21	2·51	4·36	5·61	0·13	1·20	3·16	3·38	3·35	1·49	5·07	YEAR'S TOTAL 40·93
Days with ·01 in. or more.	19	26	18	23	25	5	14	21	22	17	15	21	226
Days with ·04 in, or more.	13	24	12	17	20	1	6	17	14	16	12	17	169

1040

(Signed) A. J. Dexter [P.T.O.

Section **A** for the entry of Daily Observations. W ✓ ✓ D J

FOR OFFICIAL USE. 3300

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1926.

COPY BY P.R.O.

Cor fr aird

Kept at Falstone Rectory

in the County of Northumberland

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

„ Ground „ Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·30	·07	·04	·01		·02	·11			·18	1·08	·02	1
2	·02	·20	·16			·01		·27		·01	·37	·07	2
3	·29		·19	·03									3
4		·05	·39		·15				·08		·58		4
5	·15	·48	·15		·06		·07	·37	·02	·03	·27	·15	5
6	·16	·54	·04		·14		·18	·02		·05	·01	·02	6
7	·08	·10	·08	·02?		·27				·11	·18		7
8	·71	·06	·22	·01					·10	1·12	·05		8
9		·02	·45	·02	·10	·46	·03	·15	·26	·24	·04		9
10	·02	·03			·25	·30	·01	·81	·01	·04	·18		10
11	·01		·02		·04	·17		·61	·04	·18	·39		11
12					·21	·17		·04	·25	·75	·04	·01	12
13	·01				·19			·22	·04	·46	·38	·03	13
14	·11	·28		·35	·01	·22		·19	1·19	·01	·27		14
15	·08	·29		·46		·40		·30			·13		15
16		·16		·25		·31		·32	·08	·06	·33	·03	16
17	·11	·02	·01	·17		·19	·04	·11				·15	17
18	·19	·06	·06	·03			1·13	·18		·04	·54	·01	18
19		·13	·09	·15	·05	·01	1·12	·30	2·01		·02		19
20		·09	·02	·22	·18	·06	·44	·54	·46		·10		20
21	·01	·47	·07	·07	·01	·02	·05	·35		·11	·03	·02	21
22	·82	·05	·09	·08		·16	·19	·04		·03	·02		22
23	·15	·07		·01		·21	·33	·19	·09				23
24	·44			·04	·14		·35			·42			24
25	·24	·04		·12	·02		·01		·18	·31	·24		25
26		·38	·06	·18	·47				·24		·04		26
27	·42	·43	·07	·06		·09	·11			·02			27
28	·19	·02	·08	·06	·46	·06	·15			·01	·15		28
29	·27		·03	·01	·16						·43	·01	29
30	·02	×	·01		·16	·22		·39			·04	·04	30
31	·28	×	·14	×	·11	×			×		×		31
TOTAL	5·08	4·04	2·47	2·35 ~~2·25~~?	2·82	3·35	4·32	5·40	5·05	4·18	5·91	·56	YEAR'S TOTAL 45·53 ~~45·43~~
Days with ·01 in. or more.	24	23	22	21	19	19	16	19	15	20	25	12	235
Days with ·04 in. or more.	18	19	17	13	16	15	13	18	13	14	21	4	181

Please read the Notes and Instructions Overleaf.

See card for April 1975

(144 ws)

(Signed) A. J. Dexter

[P.T.O.

272 **Section** **A** for the entry of Daily Observations. **FOR OFFICIAL USE.** 3286

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 192 .

COPY by B.R.

Kept at Falstone Rectory
in the County of Northumberland
Diameter of Funnel of Gauge..........in.
Height of top of Gauge above Ground..........ft..........in.
„ Ground „ Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			03			25		04		39	51		1
2	07	03	40	19	36		02			22	77		2
3	02	20	18		26		35				39		3
4	09		22	65	64	18	15				12		4
5	10	11	11	12			77		14		10	01	5
6	01	02	02	14		19	09	61	32				6
7	02	05	24	05			26	07			16	01	7
8	24					14		1·42	15	03	03		8
9	01			08				21	01				9
10	02			04				26	55	01		01	10
11	17		05			04					09		11
12	57		02	09	01			11			02	04	12
13	17	01	02	20	22			49	14	15	01		13
14	07	03		03	03			44		09		49	14
15				04				07		07	15	16	15
16					15	03		01	19	04	01		16
17						29			12	01	05		17
18			01	05		10		12	02	04	02	08	18
19		02	24			02		15	18	05	46	05	19
20	26				07	07	01	15	1·30		08	04	20
21	01	15	01	01	14	05	64	12	1·35	81	11	49	21
22		34	25	35		32	06	18	22	28	09	46	22
23	08	11	20	01	05	27	01	32		01	35	08	23
24	32		04	19	03	02		01	01	24	03		24
25	08	27	73	27		65	02		02	15		26	25
26	48	10	10			05	53	15	19	56		06	26
27	40		02	01			63	24		37	02	04	27
28	52	30	04	06		04	04	02	41	61	20	01	28
29	16		35				04		05	01			29
30	17	X	01			83	05	09	53	03			30
31	03	X		X	26	X	01	05	X		X		31
													YEAR'S TOTAL
TOTAL	4·07	1·74	3·29	2·58	2·22	3·54	3·68	5·33	5·90	4·17	3·77	2·29	42·58
Days with ·01 in. or more.	24	14	22	19	12	18	17	23	19	21	22	16	227
Days with ·04 in. or more.	17	9	14	15	9	15	12	20	15	15	15	12	168

Please read the Notes and Instructions Overleaf.

(144 ws)

(Signed) A. J. Dexter [P.T.O.

3286

FORM 1090

B Monthly Summary.

C Particulars of Station.

**,* The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 1927

At Falstone Rectory

In the County of Northumberland

Rain Gauge.
Diameter of Funnel 5" in.
Height of Top above Ground 1 ft. in.
Height of Ground above Sea Level 485 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				0·1 in. or more	·04 in. or more
	Inches.	Inches.	Date.		
JAN.	4·07	·57	12th	24	17
FEB.	1·74	·34	22	14	9
MAR.	3·29	~~[illegible]~~ ·73	~~4~~ 25	~~[illegible]~~ 22	14
APR.	2·58	·65	4	19	15
MAY	2·22	·64	4	12	9
JUNE	3·54	·83	30	18	15
JULY	3·68	·77	5	17	12
AUG.	5·33	1·42	8	23	20
SEPT.	5·90	1·35	21	19	15
OCT.	4·17	·81	21	21	15
NOV.	3·77	·77	2	22	15
DEC.	2·29	·49	14 21	16	12
Total	42·58			227	168

Signature A. J. Dexter

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Rev. A. J. Dexter
Falstone, Northumberland

Hour of observation by the clock—in Winter 9 am in Summer 10 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

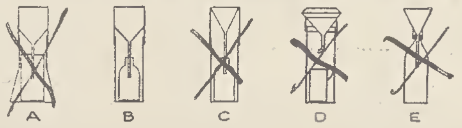
Nature of objects nearest to gauge	No Change			
Heights of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in ***British Rainfall,*** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(*a*) Is it known that the gauge was empty at the beginning of the measured rainfall?
(*b*) What note was made of the times of beginning and end of this fall?
(*c*) When was the measurement made?

D INSTRUCTIONS.

M.O.
17 JAN 1928

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6. Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, *i.e.*, the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\ \cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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277

See Card for [illegible]

Gauge buried by Blizzard

3370

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Falstone, Rectory

in the County of Northumberland

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

" Ground " Sea Level..........ft.

Copy by B.R.O.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·83	·26	·25				·30				·04	·01	1
2		34	·13	·02	·01						·16		2
3	13	·02		·15	·22				25		10		3
4	·07	·88	·28	·07			·17		·05		08	·09	4
5	·28	30	·26				12		18	·08	·08	·02	5
6	·12	·08	·03			·13	·01	·16				·21	6
7	·29	·11	·02			·31		·30		·10			7
8	09	·21	·02	02		·46		·02	·11		·02		8
9	·75	·23	12			·50		·09	·18	·08	·04	01	9
10	39	39	·52	·13	·02		17	·05	·30	·07	·25	·01	10
11	44	·04	}	·06	·01	·05	05	·90		·58	·20	·17	11
12	·70	·04	} ·84?	·02	·01	·09	·12	·19			·09	·07	12
13	·33	·26	·04	·01	·06	1·63		·57			·14		13
14	·35	·04	·02			·03		·03	·07	·12	·53		14
15	·73	·28		·03	·20	·05				·02	·13	·57	15
16	·02	·26	·11		·26			·04	·02	·34	·50	·42	16
17	02	·05	·42	·03	·04	·21			·47	·05	·03		17
18	1·35	03	·12	·05	·19	·25			01	·60	·11		18
19			·02	·02	·40	·40		·21	·04	·10	·24	·10	19
20	·21		·14		·03			·17		·23	·51		20
21	25	·02				·17		·08		·17	38	02	21
22			01			·04		01		·04	63	·12	22
23	·33		·16	·02		·04	·01	29	·02	·51	37		23
24	·43		22			·04		·04	·05	44	·19	·56	24
25	·46			·02		·35		·05	·01	·29	·08	·71	25
26	·13		·02		·30	·01	·65	·58		·09			26
27	·03		·11		·05	·01	·05	·07	·07	·04			27
28	·06					·81	·43	·12			01	·30	28
29	·40	·05	73			·44		·24		·26		·27	29
30	·02	X		·10		·24	·01	·01		·38		·70	30
31	·34	X	·01	X		X		·03	X	·19	X	·01	31
													YEAR'S TOTAL
TOTAL	9·55	3·89	4·60	·75	1·80	6·26	2·09	4·25	1·83	4·78	4·91	4·37	49·08
Days with ·01 in. or more.	28	20	25	15	14	22	12	23	15	22	24	19	239
Days with ·04 in. or more.	24	17	17	6	9	19	9	18	11	21	21	13	185

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144w)

M

(Signed) A. J. Dexter

P.T.O.

281

3452

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Falstone Rectory

in the County of Northumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

„ Ground „ Sea Level .... ft.

Year [illegible]

3452

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		06		01		15		01	04	35	05	07	1
2		24			14	10		17		64	06	56	2
3		04			05	18	09	4	13	02	01	21	3
4	11			28	37	05	1·25	1·04	03	09	24	09	4
5	06				06	33	04	08		19	18	42	5
6	06	08			20	11		90		11	03	23	6
7					04	13		02		59	19	07	7
8		04		02	07			01		14	18	90	8
9	37					17	02	01			1·07	17	9
10					09	01	45	42		13	28	46	10
11					03		16				81	40	11
12	01				10	23					06	15	12
13				01	07	01		25				08	13
14	03	04			24	03				07		01	14
15	12	04			30	08		27		06			15
16								22		17		02	16
17				15				10		01	12	01	17
18	03			07		01					49		18
19	15			04		07		01	10	24	15	13	19
20			02					01	04	04		11	20
21		02				20	23	14					21
22	01	04	05	04			36	12		14		01	22
23	01	08						21		80	17	16	23
24		31	06	01	19	06		01		06	06	51	24
25	03										39	92	25
26				28							09	18	26
27	02	03		38			02	27	01	20	11	01	27
28	27			17			37	07	53	22	09	1·41	28
29	24							27	01	05	06	17	29
30		×		03		01	88	01	04	03	38		30
31	06	×	12	×		×	54	03	×		×	08	31
TOTAL	1·58	1·02	25	1·49	1·95	1·93	4·41	4·65	93	4·35	5·27	7·54	YEAR'S TOTAL 35·37
Days with ·01 in. or more.	16	12	4	13	14	18	12	25	9	22	23	27	195
Days with ·04 in. or more.	9	10	3	8	13	13	10	16	6	19	21	22	150

40-9999

(Signed) A. J. Dexter

P.T.O.

The following register of monthly totals &c., is required if daily or weekly values are not given on the other side.

RAINFALL IN 1929

At Falstone Rectory

In the County of Northumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 485 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.		
JAN.	1·58	·37	9	16	9
FEB.	1·02	·31	24	12	10
MAR.	·25	·12	31	4	3
APRIL	1·49	·38	27	13	8
MAY	1·95	·37	4	14	13
JUNE	1·93	·33	5	18	13
JULY	4·41	1·25	4	12	10
AUG.	4·65	·90	6	25	16
SEPT.	·93	·53	28	9	6
OCT.	4·35	·80	23	22	19
NOV.	5·27	1·07	9	23	21
DEC.	7·54	1·41	28	27	22
Total	35·37			195	150

Signature A. J. Dexter

M

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Rev. A. J. Dexter
Falstone Rectory Northumberland

Hour of observation by the clock—in Winter 9 a.m. GMT in Summer 10 a.m. BST

Nearest Railway Station Falstone Distance ¼ mile Direction from gauge NNW

Nearest Parish Church at do Distance — Direction from gauge

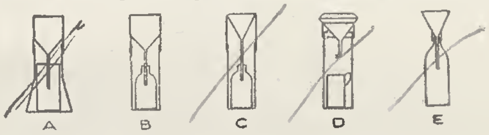
Nature of objects nearest to gauge	stone wall	A young tree NNW which	
Heights of objects	5 ft	was growing rapidly has	
Distances ..	20 ft (now)	been removed	
Directions from gauge ..	WSW		

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

9 JAN 1930

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(164) Wt.2398/185/162 14,000 5/29. Gp. 119/110.

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332 Section **A** for the entry of Daily Observations. ✓✓✓ 3522

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930 .

Kept at Falstone Rectory

in the County of Northumberland

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·47	·59		·32				·44		·01	·42		1
2	·43	·08		·02				·46			·32		2
3	·05	·03	·05	·05				·27					3
4	·07	·05	·01	·04			·48	·35	·10	·50			4
5	·28	·08	·10		·01			·26		·02			5
6	·12	·04	·38					·03	·15	·04		·12	6
7	·42				·15				·12	·30	·35	·13	7
8	·50		·08		·23		·02	·02		·41	·05	·07	8
9			·09	·13	·10	·37		·21	·33		·05		9
10	·52		·20		·06	·01		·07	·06	·05	·01	·06	10
11	·14			·16				·06	·03	·62		·37	11
12	·38		·05	·04	·19			·18	·01	·09		·28	12
13	·50			·20	·14		·52	·13	·04	·15		·06	13
14	·30	·09	·05				·04		·01	·05	·31		14
15			·21	·02	·01		·28			·62	·09	·09	15
16	·07		·23			·53	·50			·10		·16	16
17	·20		·20	·20	·25	·48	·72	·15	·54	·09			17
18	·03		·05	·09	·07	·08	·03	·18	·46	·19	·36	·02	18
19	·21			·12	·01	·15	·42	·30	·34	·22	·04	·04	19
20	·06		·38	·08			·28	·92	·01	·02	·88		20
21	·08		·08	·02	·02	·24	·11	·30		·16	·58		21
22	·16	·03				·03	1·01	·01	·19	·04	·38	·04	22
23	·01			·23	·02	·03	·01	·01	·21	·02	·02	·11	23
24	·01	·03	·01	·16		·02		·09	·03		·28	·03	24
25	–	·03				·03		·01	·02		·41	·07	25
26	·32	·05		·06	·05	·01		·02	·09		·06	·52	26
27	·05			·01	·08	·05	·04		·10			·33	27
28	–		·07			·22	·08	·07	·03	·01		·77	28
29	·01		·15				·70	·36	·08	·30	·02	·02	29
30		×	·02		·01		·01	·46	·02	·06		·11	30
31	·17	×	·03	×		×			×	·11	×	·03	31
TOTAL	5·56	1·10	2·44	1·95	1·40	2·25	5·25	5·36	2·97	4·18	4·63	3·43	YEAR'S TOTAL 40·52
Days with ·01 in. or more.	26	11	20	18	16	14	17	25	22	24	18	21	232
Days with ·04 in. or more.	22	7	16	14	10	8	13	20	14	19	15	17	175

40-9999

(Signed) A. J. Dexter

[P.T.O.

FONTBURN RES

TYNEMOUTH

1921 – 1930

3326

Copy by B.R.

FORM A. 1. METEOROLOGIC L ORGANIZATION.

REGIS 1921

Kept at Fontburn Res Long.
tion
in the County of Northum Station
nnel of Rain Gauge in.
by D. Munro Gauge above Ground ft. in.
,, ,, Sea Level ft.

IMPORTANT NOTE.—Ra he result entered to the previous day.
If an Observer prefers not to c nestly requested to add the reading at 9 a.m. on 1st Ja ded for it at the end of this paragraph. Full instruction l placing of rain gauges, and particulars as to the Britis *for Rainfall Observers,"* sent post-free on application t ganization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·07	·05				·20		·09	·30				1
2	·28		·02		·08			·85	·15	·01	·11		2
3	·10							·04		·33	·12		3
4	·18	·02			·10			·03	·01	·05	·30	·10	4
5	·04	·03		·02	·33			·57		·01	·38		5
6	·05	·06	·46		·16		·05	·03	·01	·02		·07	6
7	·01	·04			·08			·08			·14	·03	7
8	·04	·03			·09	20					·17		8
9	·25							·13	·16	·01		·02	9
10	·80							·43	·30	·05			10
11	·20				·08			·32		·01			11
12	1·49		·02		·06	04		·35	·03				12
13			·10	·24				·02	1·10	·10	07	·02	13
14			·02		·15		·02	·01	·15			·11	14
15			·12	·02			·20		·01			·02	15
16	·15		·04	·15	·02		·01	·34			·10		16
17	·08		·08	·10				·02			·04		17
18			·07				·04	·01			·68	·25	18
19			·03		·04	·01		·01		·11	·05	·09	19
20						·05		·26			·13	·11	20
21	·12		·04	·02		·13		·55	·01	·75	·13	·03	21
22	·02		·03	·04		·06	·30	·04		1·05	·23		22
23	·46		·04				·05					·02	23
24	·41	·04	·04	·10			·19					·04	24
25	·32		·02	·08			·03					·01	25
26	·02		·05	·03	·06							·34	26
27	·02		·07		·09		·12	·51	·01		·03	·21	27
28	·02		·06		·05		·33	·30	·01		·05	·28	28
29	·02		·02		·08		·46	1·64	·05		·01	·04	29
30		×	·01		·26		·03					·32	30
31	·53	×		×	·05	×	·07	·15	×	·14	×	·28	31
TOTAL	5·68	·27	1·34	·80	1·78	·69	1·90	6·78	2·30	2·64	2·74	2·39	YEAR'S TOTAL 29·31
Days with ·01 in. or more	24	7	20	10	17	7	14	24	14	13	17	20	187
Days with ·04 in. or more	18	4	12	6	16	6	10 9	17 18	7	8	15	13	132

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

Form A. 1. METEOROLOGIC L ORGANIZATION.

3326

Copy by B.R.

REGISTER OF RAINFALL IN 1921.

Kept at Fontburn Reservoir

in the County of Northumberland

by D. Munro

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·07	·05				·20		·09	·30				1
2	·28		·02		08			·85	·15	01	·11		2
3	·10							·04		·33	·12		3
4	·18	·02			·10			·03	·01	·05	·30	·10	4
5	·04	·03		·02	·33			·57		·01	·38		5
6	·05	·06	·46		·16		·05	·03	·01	·02		·07	6
7	·01	·04			·08			·08			·14	·03	7
8	·04	·03			·09	20					·17		8
9	·25							·13	·16	·01		·02	9
10	·80							·43	·30	·05			10
11	20				·08			·32		·01			11
12	1·49		·02		·06	04		·35	·03				12
13			·10	·24				·02	1·10	·10	·07	·02	13
14			02		·15		02	·01	·15			·11	14
15			·12	·02			·20		·01			·02	15
16	·15		·04	·15	·02		·01	·34			·10		16
17	·08		·08	·10				·02			·04		17
18			·07				·04	·01			·68	·25	18
19			·03		·04	·01		·01		·11	·05	·09	19
20						·05		·26			·13	·11	20
21	·12		·04	·02		·13		·55	·01	·75	·13	·03	21
22	·02		·03	·04		06	·30	·04		1·05	·23		22
23	·46		04				·05					·02	23
24	·41	·04	·04	·10			·19					·04	24
25	·32		·02	·08			·03					·01	25
26	·02		·05	·03	·06							·34	26
27	·02		·07		·09		·12	·51	·01		·03	·21	27
28	·02		·06		·05		·33	·30	·01		·05	·28	28
29	·02		·02		·08		·46	1·64	·05		·01	·04	29
30			·01		·26		·03					·32	30
31	·53				·05		·07	·15		·14		·28	31
TOTAL	5·68	·27	1·34	·80	1·78	·69	1·90	6·78	2·30	2·64	2·74	2·39	YEAR'S TOTAL 29·31
Days with ·01 in. or more	24	7	20	10	17	7	14	24	14	13	17	20	187
Days with ·04 in. or more	18	4	12	6	16	6	10 9	17 18	7	8	15	13	132

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

351

3433

25 JAN 1923

AIR MINISTRY.

Form 1090 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

(formerly B.R.O. Form A.1).

REGISTER OF RAINFALL IN 1922.

Kept at Fontburn

in the County of Northumberland

by D. Munro

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Funnel of Rain Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05	·05			·08		·10	·01	·53		·03	·02	1
2		·57	·06	·02	·06		·08	·12	·02	·02			2
3		·07	·10	·04	·03		·05			·12	·06		3
4		·57	·42		·10		·02		·02		·15		4
5			·16	·02			1·07		·02	·27	·26	·02	5
6	·16		·06		·03		·55		·01		·11		6
7	·07		·17				·02	·26	·01			·15	7
8	·07		·04				·43	·83		·05			8
9	·10		·06				·07			·04	·03		9
10	·02		·05	·07						·07	·06		10
11	·04	·02											11
12		·04	·02	·55		·10	·17	·16	·17	·02		·05	12
13	·22	·02				·02	·12	·01	1·41		·01	·40	13
14		·02	·02	·74		·05	·30		·21			·04	14
15	1·40	·02		·15			·61	·08	·21			·05	15
16	·36	·09	·01	·02	·17			·17	·10			·61	16
17		·34			·04			·06	·11	·03		·06	17
18	·55	·03			·02	·07			·02	·05		·10	18
19	·12	·10	·05		·04	·04			·02	·03		·02	19
20	·02		·06		·02				·27	·08		1·01	20
21	·02	·05	·05	·02	·03	·06		·24	·49	·02		·22	21
22	·02	·24	·11	·04	·20	·08		·04		·15		·06	22
23		·05	·02	·04	·02	·39				·04			23
24	·14	·02	·27					·04	·02	·04		·05	24
25	·45	·08	·12	·05		·08	·07			·02	·15	·13	25
26	·42	·05	·02	·20	·02		·07	·04	·28	·16		·10	26
27	·47	·11	·10	·11		·08			·05	·11		·10	27
28	·09	·03	·17	·02			·15	·06	·78	·20		·05	28
29	·08		·03	·14		·02	·27			·15	·05	·72	29
30	·06		·02	·11		·02	·25	·02	·16	·14	·04	·34	30
31	·05		·10				·14			·03			31
TOTAL	4·98	2.57	2·29	2·34	·86	1·01	4.54	2·14	4·91	1·84	·95	4.30	YEAR'S TOTAL 32·73
Days with ·01 in. or more	23 ~~22~~	21	25	17	14	12	19	15	21	22	11	21	221 ~~220~~
Days with ·04 in. or more	19 ~~18~~	14	18	12	7	9	17	12	13	15	8	18	162 ~~161~~

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

27°

cully ans. dis.

3456

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

12 MAY 1924

REGISTER OF RAINFALL IN 1923.

Kept at Fontburn

in the County of Northumberland

by D. Munro

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	·14	·23	·34	·07		·02	·04	·13	·12			·22	1
2	·13	·11	·03	·13				·15	·13	·02	·09	·02	2
3	·02	·09	·21			·05		·28	·03	·25	·37		3
4		·01	·16	·01	·01	·01				·05	·02	·15	4
5	·08	·	·06			·04				·02	·13	·08	5
6	·15	·28	·12	·02		·01		·09	·07	·07	·07		6
7	·05	·29	·19	·01			·29	·21			·01		7
8	·17	·15	·06			·02		·20		·15	·12	·11	8
9	·25	·12	·04	·59	·58	·04	·05			·04	·18	·02	9
10	·15	·27	·02	·49	·28	·10				·30			10
11	·05	·03	·01	·01	·30				·01	·02	·02		11
12		·20	·09	·20	·02	·13		·22	·13	·16	·90	·04	12
13	·07	·02		·06	·15				·05		·15	·01	13
14		·09	·01	·01	·19							·04	14
15	·01	·46			·05	·09	·05	·01		·02	·27	·03	15
16		·09			·04		·02	·22		·08	·20		16
17		·01			·01	·06	·01	·48	·23		·04		17
18		·09			·05			·02	·20	·10			18
19	·04	·03	·02	·02	·08	·04		·08	·23		·07	·08	19
20	·03	·31		·02	·03		·03	·40	·11	·12	·39		20
21		·15		·08	·03	·01		·02	·10	·10	·25	·43	21
22	·09	·03			·05		·09	·03	·01	·14	·13		22
23	·02	·22		·07	·25			·28	·03	·38	·02	·03	23
24		·19		·15	·07	·24	·14	·02	·23	·16	·02		24
25		·36	·02	·15	·20			·02	·42	·21	·02	·33	25
26		·35	·01	·05	·12		·04	·05	·01	·23		·05	26
27		·15	·10		·05		·15	·05	·09	·32	·08	·02	27
28	43	·42	·15	·05			·20	·02		·02	·15	·12	28
29	·05	X	·01	·07	·04		·31	1·40		·12	·08	·33	29
30	02	X		·01	·02		·36	·01		·06	·18	·14	30
31		X	·18	X	·02	X	·10	·18	X	·02	X	·14	31
TOTAL	1·95	4·75	1·83	2·27	2·64	·86	1·88	4·57	2·20	3·16	3·96	2·39	YEAR'S TOTAL 32·46
Days with ·01 in. or more	19	27	20	21	23	14	15	24	18	25	25	20	251
Days with ·04 in. or more	14	21	12	13	16	9	12	16	13	19	19	14	178

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

296 3271

Form 1090

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Fontburn

in the County of Northumberland

by D Munro

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	in.	
1		·02			·04	·17	·20	·05			·23	·01	1
2	·13				·16		·01	·12			·16	·25	2
3		·01		·02	·32		·46	·02		·02		·09	3
4	·02	·02			·30		·14	·03	·02	·09		·72	4
5					·07	·10	·15	·02	·03	1·56		·06	5
6					·39	·08	·60		·15	·50		·07	6
7					·20	·23	·02		·39	·02	·01		7
8	·08				·24	·09			·18		·02	·05	8
9	·10	·14		·01	·28	·08			·15	·09			9
10	·03	·13		·24	·04	·08	·11		·02	·19			10
11	·15	·15		·02	·12	·06	·07		·02	·01	·10	·07	11
12	·32	·04		·02	·05	·04	·02	·27	·07		·01		12
13	·18			·10	·05			·21	·02	·02	·01	·16	13
14	·02				·06			·02	·01	·01	·01	·02	14
15		·34		·02	·06		·02		·19	·01		·31	15
16		·01			·10				·04	·03			16
17		·21				·13	·01	·40	·05				17
18	·25	·07	·04	·01	·25	·04	·22		·01	·13	·04	·02	18
19	·26				·14	·17	·48	·01	·94	·01			19
20	·07		·06		·09		·46	·35	·16			·01	20
21			·07		·14		·03	·04	·08	·02	·03		21
22	·55	·02	·28				·04	·23	·27		·53	·02	22
23	·38	·04	·19	·17	·04		·02	·13	·04		·52	·04	23
24	·02	·05	·32	·20	·05		·13	·15	·01	·01	·05	·03	24
25	·01	·14	·10	·40	·45		·16	·01	·02	·04		·14	25
26			·01	·32	·08		·14	·04	·05	·49	·15	·08	26
27	·12	·08		·34	·05		·08	·01	·05	·06	·27	·15	27
28		·07		·10		·08	1·57	·14		·16	·14		28
29	·02	·15		·02	·02	·06	·33	·04	·02	·65	·01	·22	29
30		×		·05	·28	·20	·33		·24	·25	·01	·06	923 30
31	·02	×	·02	×	2·18	×	·08	·01	×	·07	×	·22	31
TOTAL	2·73	1·69	1·09	2·04	6·25	1·61	5·88	2·30	3·23	4·44	2·30	2·80	YEAR'S TOTAL 36·36
Days with ·01 in. or more	19	18	9	16	28	15	26	21	26	23	18	22	241
Days with ·04 in or more	12	13	7	9	27	15	19	13	16	13	10	16	170

(*237) Wt. 10569—9158. 9,000. 8/23. T.S. 128.

Col for arith
July agreed by Obsr.

April 14
Oct. 28-29 } Corrd. by Obsr.

3308

AIR MINISTRY.

FORM 1090 METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1925.

Kept at Fontburn

in the County of Northumberland

by D. Munro

Lat. .... Long. ....
Time of Observation ....
Nearest Railway Station ....
Diameter of Funnel of Rain Gauge .... in.
Height of top of Gauge above Ground .... ft. .... in.
" " " " Sea Level .... ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

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Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.52		.66		.05	.03		.38		.01	.25			1
2	.10		.03	.35	.01	.05	.06	.03	.03		.07	.20		2
3	.24		.02	.02	.02	.02	.05	.02	.16	.32	.26	.02		3
4	.03	.02		.01	.21						.05			4
5	.02	.06		.24	.33			.05	.02		.07			5
6		.02		.22	.03		.14	.16		.03	.07			6
7		.04	.05	.251	.12	.05		.16	.13	.02	.04			7
8	.02	.20		.17	.18	.01		.60	.01		.05	.17		8
9	.04	.04		.10	.25			.02	1.21		.07	.19		9
10		.52	.14		.02			.02	.07		.08	.02		10
11		.30	.08	.02				.08	.03		.02	.08		11
12	.01	.04	.02	.02			.02	.13		.08				12
13		.28	.02	.03	.05			.02	.04		.02			13
14		.55	.05	.05 ~~.26~~								.60		14
15		.45	.01	.14	.03				.11			.02		15
16	.02	.04	.02	.06					.01	.22		.02		16
17	.01	.11	.01	.09					.14	.02	.01	.02		17
18		.01	.08	.39	.03				.17	.02		.58		18
19		.44	.28	.01	.25	.02			.49	.15	.02	.45		19
20			.26	.03			.26	.05	.49	.50	.01	1.81		20
21		.08	.11	.02			.03	.12	.01	.02		.55		21
22	.01	.02	.01	.15			.01	1.41	.76	.25	.01	.05		22
23	.06	.08	.08	.03	.49			1.10	.05	.03				23
24	.10	.14	.11	.02	.77					.03	.04			24
25	.01	.18	.20	.08	.20		.39		.38	.05	.01			25
26	.04	.17	.01	.10	.21		.20	.06	.02	.31	.08	.12		26
27	.02	.16	.01	.09	.41		.46	.03		.04		.04		27
28	.21	.20	.01		.10		.03	.01		.06 ~~.20~~	.18	.05		28
29	.51		.01	.06	.05					.01 ~~.21~~	.09	.40		29
30	.03	X	.03	.17	.08	.14		.01	.01	.01	.11	.34	917	30
31	.01	X	.25	X	.06	X	.02	.02	X	.03	X	.14	0 36.89	31
													YEAR'S TOTAL	
TOTAL	2.01	4.15	2.56	~~3.12~~ 2.92 ~~3.24~~	3.95	.32	1.67 ~~1.16~~	4.48	4.34	2.21 ~~2.11~~	1.61	5.87	~~35.77~~	
Days with ·01 in. or more	20	24	26 ~~25~~	27	23	7	12	21	21	21	22	21	245	
Days with ·04 in. or more	9	20	13	17	17	3	7	12	13	10	15	16	158 2	

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

R 13

3308

1925

	April	July	October
1	—	—	01
2	35	06	—
3	02	05	32
4	01	—	—
5	24	—	—
6	22	14	03
7	25	—	02
8	17	—	—
9	10	—	—
10	—	—	—
11	02	—	—
12	02	02	05
13	03	—	—
14	05	—	—
15	14	—	—
16	06	—	22
17	09	—	02
18	39	—	02
19	01	—	15
20	03	26	50
21	02	03	02
22	15	01	25
23	03	—	03
24	02	—	03
25	08	39	05
26	10	20	31
27	09	46	04
28	—	03	06
29	06	—	01
30	17	—	01
31	—	02	03
	2·92	1·67	2·21

Total for each Month in 1925

January	2·01
February	~~4·24~~ X 4.15
March	2·56
April	2·92
May	3·95
June	·32
July	1·67
August	4·48
September	4·34
October	2·21
November	1·61
December	5·87
Years total	~~36·18~~ 36.09

Fontburn Ewesley Morpeth 19 June 1926

Dear sir

Refering to your letter CIRC.D 2/M.O.7. The above is the daily entries for the months you refer to & the total for that year I hope you find this right

Yours faithfully
D Munro

H G Carter Esqr
Superintendent
British Rain Fall organisation

283

3308

FOR OFFICIAL USE.

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1926.

County No.
River Dist.
Station No.

Kept at Fontburn
in the County of Northumberland
by D. Munro

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·19	02								·01	·27	·05	1
2	·01	·02	·02				·01	·02			·25	·08	2
3	35		·23	·01						·01			3
4		·07	·09		·02					·02	·30		4
5	·08	·46	·04		·13		·03	·42		·04	·14	·13	5
6	·17	53	·01		·12		1·20	·02		·09	·06	·01	6
7	·15	·22	·01	·03	·05	·12				·01	·09	·02	7
8	·14	·16	·23	·02					·11	·42	·03		8
9		·10	·16		·22	·61		·06	·06	·15	·03		9
10		·06			·13	·48		·43		·03	·09		10
11	·01	·15			03	·25		·19	·07	·07	·10		11
12		·02		·01	·08	·22		·04	·28	·45	·03		12
13	·05	·02			·09	02		·08	·05	·25	·13	·13	13
14	·34	·18		·22		·70		·05	·55		·09	·05	14
15	·20	·14		·12	·01	·60		·32		·01	·03	·03	15
16		·10		·20	·03	·30		·24	·06	·12	·31		16
17	·05	·01	·08	·15	·04	·08	·01		·01		·01		17
18	·29	·04	·10	·22	·02	·02	1·41	·37			·60		18
19		·10	·20	·20	·45	·03	·49	·13	1·13		·02	·03	19
20	·01	·05	·04	·19	·20	·03	·10	·32	·43		·14		20
21	·02	·15	·16	·03	·05	·09	·16	·14		·20	·01	·02	21
22	·38	·02	·06	·12	·01	·18	·03	·01	·01	·03	·33	·03	22
23	·05	·02	·02	·02		·34	·44	·10	·03	·05	·03		23
24	·34			·04	·12	·01	·48		·23			·08	24
25	·18			·48	·01					·22	·30	·02	25
26	·05		·02	·12	·78				·43	·35	·17		26
27	·05	·09		·10		·30	·10			·05	·03	·01	27
28	·11		·08	·05	·09						·50		28
29	·15			·04	·20			·19		·22	·44	·02	29
30	·01	✕	·01	·02	·05	·79			·07	·25	·04	·01	30
31	·20	✕	·01	✕	·03	✕			✕	·03	✕		31
TOTAL	3·58	2·73	1·57	2·39	2·96	5·17	4·46	3·13	3·52 ~~6·52~~	3·08	4·57	·72	YEAR'S TOTAL 37·88
Days with ·01 in. or more.	25	23	19	21	24	19	12	18	15	23	28	16	243
Days with ·04 in. or more	20	16	12	14	16 15	14	8	15	12	15	19	6	167

Sept. corrd. for arith. Obss. agrees.

√√√ E.T.

FORM 1090.

B

Monthly Summary.

** *The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 1926

NOTE.—Records taken in millimetres should be entered on Form 1091.

At Fontburn

In the County of Northumberland

Rain Gauge
- Diameter of Funnel 10" Squair in.
- *Height of Top above Ground* 1 ft. ~~6~~ 2 in.
- *Height of Ground above Sea Level* 620. OD

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in or more
	Inches.	Inches.	Date.		
JAN.	3 58	38	22	25	20
FEB.	2·73	53	6	23	16
MAR.	1 57	23	3	19	12
APR.	2 39	48	25	21	14
MAY	2·96	78	26	24	16
JUNE	5 17	79	30	19	14
JULY	4 46	1 41	18	12	6
AUG.	3 13	43	10	18	15
SEPT.	3 52	1 13	19	15	12
OCT.	3 08	45	12	23	15
NOV.	4 57	60	18	28	19
DEC.	72	13	5	16	6
Total.	37 88 √			√ 243	√ 167

Signature D Munro

C

Particulars of Station.

* *Every observer is requested to fill in this section (especially if a change has been made in the position of the gauge or in its exposure), and also the space for notes as far as possible:—*

Name and Address to which any correspondence relating to this register should be sent :—

D Munro
Fontburn Ewesley Morpeth

Latitude of Station 620 Longitude I dont know Hour of observation 9 a m

Nearest Railway Station Fontburn Hall Distance 1/2 Mile Direction North

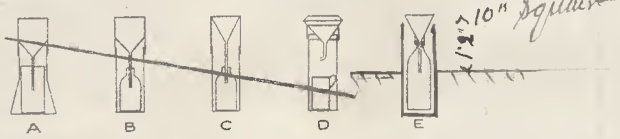
Nearest Parish Church Netherwitton Distance 4 M Direction E

If gauge has been moved during the year state—

Date of move Not moved Distance Direction

Nature of objects nearest to gauge	Stable			
Heights of objects	15 ft			
Distances ...	25 '			
Directions...	N. E.			

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)



***If you know of any record of rainfall** not quoted in **British Rainfall**,* please give the observer's name and address :—

I dont know of any

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D

INSTRUCTIONS.

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

(b) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "total number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace."*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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(*651) Wt. 10147—12525/772. 11,500. 12/25. T.S. 128.

273 **Section** **A** **for the entry of Daily Observations.**

FOR OFFICIAL USE.

3294

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1927.

Kept at Fontburn

in the County of Northumberland

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

„ Ground „ Sea Level..........ft.

390

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01		·03	·03		·29	·04		·02	·20	·23		1
2	·09	·03	·24	·31	·15		·02			·01	·21	·01	2
3	·03		·09	·01	·10		·25			·01	·02		3
4	·02		·15	·37	·72	·14	·25		·02	·01	·07	·02	4
5	·12	·13	·90	·08	·01	·14	·63	·02	·02		·05		5
6	·12	·03		·05	·01	·17	·02	·49	·09		·08		6
7	·02	·13	·21	·36		·01	·58	·05		·02	·15	·04	7
8	·25		·03	·04		·65		1·62	·02	·05	·01	·01	8
9			·05	·27				·31		·01	·10	·01	9
10			·25	·07	·01	·03		·11	·01	·01	·05	·02	10
11	·06		·26	·01			·02		·02		·10	·05	11
12	·13		·05	·04		·01	·02	·03			·15	·02	12
13	·19		·03	·05	·22	·01		·65	·05	·33	·01		13
14	·04			·01	·05			·03	·03	·15	·07	·53	14
15			·01	·14	·13			·05	·01	·05	·13	·13	15
16	·01		·01	·12	·10	·12		·04	·17	·05	·01		16
17	·17		·01	·06		·07			·11		·01	·03	17
18	·04			·02		·15		·10		·01		·18	18
19								·09	·23	·02	·50	·22	19
20	·20				·03	·08	·04	·08	1·15		·07	·03	20
21		·17	·06		·11		·98	·15	1·03	·70	·27	·41	21
22		·09	·28	·07	·02	·19		·47	·40	·20	·03	·70	22
23	·04	·02	·19	·06	·05	·49	·04	·32		·01	·17	·21	23
24	·05		·30	·07	·06	·15		·32	·18	·15	·02	·22	24
25	·08	·15	·30	·70		·67	·05		·02	·15		·28	25
26	·26	·09	·01			·02	·33	·05	·33	·15		·23	26
27	·27	·10	·04	·03	·03	·07	·28	·12		·05		·03	27
28	·37	·15	·01	·03	·01	·10		·02	·11	·23	·03	·02	28
29	·12		·26					·01	·25	·02	·01	·03	29
30	·08	X		·06		·85	·03	·03	·10				30
31	·01	X	·03	X	·24	X		·03	X		X		31
													YEAR'S TOTAL
TOTAL	2·78	1·09	3·80	3·06	2·05	4·41	3·58	5·19	4·37	2·59	2·55	3·43	38·90
Days with ·01 in. or more.	25	11	25	25	18	21	16	24	22	23	25	23	258
Days with ·04 in. or more.	19	8	16	18	11	16	11	17 ~~14~~	13	13	16	12	170

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) D. Munro

[P.T.O.

278 See card for March 3ft snow drift - no entry - ad

3378

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at *Fontburn*

in the County of *Northumberland*

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" Ground " Sea Level .... ft.

* 3ft drift of snow over gauge on 12th March. Estimated value ·35 ins.

390

COPY B.R.O.

? re differences

Circ. D2 sent 4/3.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Obs' written re diff between Annual & monthly returns on 4/3. No reply by 4/4. Adopt this version.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·55	·05	·22	·03	·01		·15		·14		·14		1
2		·10	·19	·03	·02						·26		2
3	·02	·02	·01	·08	·10				·05		·08		3
4	·07	·20	·23	·04	·01		·21		·02			·03	4
5	·16	·10	·20	·01			·13		·18	·35	·19	·05	5
6	·10	·01	·02					·03				·05	6
7	·06	·03	·06			·11		·14	·06	·27	·01		7
8	·01	·03	·03		·01	·30	·01	·05		·09	·02		8
9	·12	·07	·37	·02		·40		·02	·09	·10		·01	9
10	·09	·17	·22	·16		·04			·20		·02		10
11	·03	·10	·20	·09	·03	·05		·07	·01	·87	·18	·43	11
12	·13	·01	* ·35	·07	·04	·05		·07				·05	12
13	·06	·24	·14	·07	·18	1·41		·18		·01	·05	·04	13
14	·18	·02	·02	·02		·21		·01	·05	·16	·36	·14	14
15	·12	·17	·04	·02	·25	·25		·11		·05	·03	·25	15
16	·05	·24	·08	·05	·03			·04		·10	·47	·25	16
17	·04	·02	·21	·02	·04	·05			·13	·02	·01		17
18	·60		·02	·03	·18	·30				·22	·03	·05	18
19	·01		·02	·05	·29	·47		·09	·15		·10		19
20	·10		·01	·17	·02			·68		·10	·34	·03	20
21	·04					·03		·01	·02	·10	·15	·02	21
22	·01		·02	·02	·03	·01				·01	·10	·02	22
23	·17		·04		·02	·06		·15	·01	·05	·56		23
24	·14		·11			·06		·02	·14	·25		·14	24
25	·19				·08	·27		·01	·04	·08		·25	25
26	·03	·01	·06		·09	·07	·50	·44		·15		·01	26
27	·10	·01	·07		·05		·08	·01	·01	·01			27
28	·24	·01			·01	·10	·40	·05	·03		·02	·15	28
29	·43	·05	·37			·37	·10	·25	·01	·14	·02	·48	29
30	·02	X	·01	·07	·02	·18	·01			·03		·65	30 31·59
31	·20	X	·06	X	·01	~~·15~~ X See 1st July.		·04	X	·33	X		31
TOTAL	4·06	1·66	3·~~03~~ 38	1·05	1·52	~~4·94~~ ~~4·93~~ 4·79	1·59	2·47	1·34	3·49	3·14	3·10	YEAR'S TOTAL 31·59 ✓
Days with ·01 in. or more.	30	21	2~~7~~8	19	22	22	9	21	18	22	21	20	253
Days with ·04 in. or more.	23	11	~~18~~ 19	10	10	20	7	14	11	17	13	14	169

40-12-1-27
144w)

M

(Signed) D Munro

[P.T.O.

FORM 1090. **B** Monthly Summary.

. *The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 1928

At Fontburn

In the County of Northumberland

Rain Gauge
Diameter of Funnel 10 in Square in.
Height of Top above Ground 1 ft. 2 in.
Height of Ground above Sea Level 620 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
	Inches.	Inches.	Date.	·01 in. or more	·04 in. or more
JAN.	4·06	55	1	30	23
FEB.	1·68	24	13	23	11
MAR.	3·03 ·35	37	9	27	18
APR.	1·05	17	20	19	10
MAY	1·52	29	19	22	10
× JUNE	4·79	1·41	13	21	19
JULY	1·59	50	26	9	7
× AUG.	3·39	97	11	22	14
SEPT.	1·34	20	10	18	11
OCT.	3·49	87	11	22	17
× NOV.	3·33	56	23	21	13
DEC.	3·10	65	30	20	14
Total	32·87 72			254	167

Signature D Munro

Adopt daily version
no reply to ? sent 4/3/29.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
D Munro
Fontburn Ewesley Morpeth

Hour of observation by the clock—in Winter 9 a M in Summer 10 A M

Nearest Railway Station Fontburn Halt Distance ½ M. Direction from gauge N E

Nearest Parish Church at Netherwitton Distance 4 Direction from gauge S E

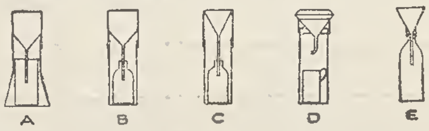
Nature of objects nearest to gauge	Stable			
Heights of objects	15' 0"			
Distances ...	25 0"			
Directions from gauge	N E			

If gauge has been moved during the year state—

Date of move Not Moved Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



Gauge Something like E 15 in Square

If you know of any record of rainfall not quoted in ***British Rainfall,*** please give the observer's name and address :—
I dont know any

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall ?
(b) What note was made of the times of beginning and end of this fall ?
(c) When was the measurement made ?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C. 2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(*83†) Wt. 23575—1531/1662. 13,000. 2/28. T.S. 118.

40-9999

282

3459

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Font. Res Tynemouth W.W.

in the County of Northumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

„ Ground „ Sea Level .... ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.05	.15		.01		.31		.06	.01	.21	.03	.04	1
2	.02	.12			.30	.01		.21		.26	.03	.18	2
3	.02		.02	.02	.03	.10		.10	.03			.10	3
4	.07	.01		.61	.30		1.69	.90	.01	.08	.23	.06	4
5	.03				.02	.28	.01	.08		.21	.02	.07	5
6	.11		.01		.44	.14		.32		.16	.02	.30	6
7					.01	.04	.04			.38	.10	.01	7
8		.04			.05	.02	.01	.02	.01	.31	.06	.44	8
9	.26			.07		.25	.06	.02			.78	.02	9
10	.05	.05			.02	.02	.01	.20			.03	.40	10
11		.01			.08						.21	.16	11
12	.03	.01			.07	.30	.05		.01		.01	.02	12
13	.09			.05	.75	.03		.24				.02	13
14	.08	.06			.03	.03				.03			14
15	.36	.12			.09	.06		.09					15
16	.02				.07	.01		.20		.03	.08		16
17			.01	.06				.08	.01		.17	.02	17
18			.01	.05							.34		18
19	.03		.01	.06					.11	.05	.09	.07	19
20			.06						.03	.03	.03	.17	20
21		.02	.05			.09	.12	.16				.08	21
22	.03	.11					.60	.11		.02		.09	22
23	.05	.10		.25		.16		.03		.43	.14	.35	23
24	.17	.15	.02		.10			.04		.11	.03	.38	24
25	.08	.07							.01	.01	.26	.22	25
26		.06		.27						.01	.02	.05	26
27	.05	.08		.43			.02	.14		.25	.12	.03	27
28	.21			.27			.28		.72	.15	.13	.77	28
29	.18			.01			.13	.09	.02	.25	.03	.11	29
30	.01	X		.02		.09	.25		.21	.11	.34		30
31	.03	X	.10	X		X	.72		X		X	.14	31
TOTAL	2.03	1.16	.29	2.18	2.36	1.94	3.99	3.09	1.18	3.09	3.30	4.30	YEAR'S TOTAL 28.91
Days with ·01 in. or more.	23	16	9	14	15	17	14	19	12	20	24	26	209
Days with ·04 in. or more.	14	12	3	10	10	11	10	16	~~4~~ 3	14	14	20	137

40-9999

M

(Signed) D. Munro. [P.T.O.

334

3530

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930 .

Kept at Font Res. Tynemouth W.W.
in the County of Northumberland
Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft .... in.
,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·19	·95	·01	·29		·01	·25	·80		·02	·52		1
2	·14	20		·21				·58			·84		2
3	·02	·19	·01	·03	·02		·05	·03		·12			3
4	·05	·22		·10	01		·40	·26	·07	·30			4
5	·07	·48	·11	·02	·04			·15		·01			5
6	·05	·10	·16	·16	·16				·29	·07		·08	6
7	·12			·01	·28			·19	·34	·19	·09	·34	7
8	·15			·02	·20		·03	·05	·01	·48	·01	·02	8
9	·09		·12	·18	·20	·06	·02	·16	·19	·01			9
10	·19		·05	·01	·05		·09	·06	·08	·01		·01	10
11	·07		·03	·10	·05				·08	·18		·31	11
12	·27		·05	·13	·07			·25	·02	·05		·12	12
13	·42		·03	·02	·19		·26	·18	·19			·02	13
14	·30	·01	·25	·01	·05		·05		·02		·20	·25	14
15		·01	·40	·01	·08		·03			·42	·07		15
16	·07		·53	·01	·07	·05	·85		·01	·05		·13	16
17	·17		·22	·09	·29	·19	·37	·05	·79	·02			17
18			·12	·21	·02		·02	·03	·20	·02	·33		18
19				·09	·01	·14	·12	·18	·28	·06	·06		19
20			·18	·08		·03	·38	·52	·25		·81		20
21	·02	·02	·03	·01		·18	·10	·04	·01	·03	·10		21
22	·11	·09		·20			·50		·02	·02	·40	·02	22
23		·02		·20	·06	·15	·07		·02	·01	·02	·02	23
24	·04	·08	·03	·15	·01	·07	·05	·04	·02		·22	·02	24
25		·09		·05		·01			·06		·28	·12	25
26	·32	·03		·09				·05	·26		·02	·26	26
27	·17			·09	·04	·03			·12	·01	·02	·32	27
28		·01	·04	·02		·03	·05		·02	·01	·05	·12	28
29			·15				·80	·68	·13	·04	·05	·21	29
30		✕	·02			·14		·47	·04			·31	30
31	·32	✕	·09	✕		✕		·01	✕	·11	✕	·02	31
													YEAR'S TOTAL
TOTAL	3·35	2·50	2·63	2·59	1·90	1·09	4·49	4·78	3·52	2·24 ~~2·42~~	4·09	2·70	35·88
Days with ·01 in. or more.	22	15	21	28	20	13	20	21	25	23	18	19	245
Days with ·04 in. or more.	20	9 ~~8~~	14	17	15	8	16	18	16	12	14	12	171

40-9999

M

(Signed) D. Munro

[P.T.O.

3530

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1930

At Fontburn Ewesley Morpeth

In the County of Northumberland

Rain Gauge
Diameter of Funnel 10 Square in.
Height of Top above Ground 1 *ft* 2 *in.*
Height of Ground above Sea Level 620 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN:	335	42	13	22	20
FEB.	250	95	1	15	9
MAR.	263	53	16	21	14
APRIL	259	29	1	28	17
MAY	190	29	17	20	15
JUNE	109	19	17	13	8
JULY	449	58	16	20	16
AUG.	478	80	1	21	18
SEPT.	352	79	17	25	16
OCT.	224	48	8	23	12
NOV.	409	84	2	18	14
DEC.	270	34	7	19	12
Total	3588			245	171

Signature D Munro

M

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
D Munro
Fontburn Ewesley Morpeth

Hour of observation by the clock—in Winter 9 a m in Summer 9 a m

Nearest Railway Station Fontburn Halt Distance ½ M. Direction from gauge N E

Nearest Parish Church at Netherwitton Distance 4 M Direction from gauge S E

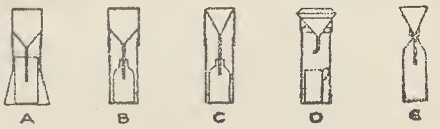
Nature of objects nearest to gauge	Stable			
Heights of objects	15' 0"			
Distances ..	25' 0			
Directions from gauge ..	N. E.			

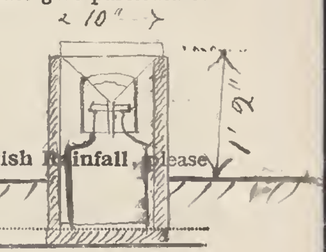
If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.





If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—
I dont know of any

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

400

D INSTRUCTIONS.

A.O. 7
10 JAN 1931

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(269) Wt.5244/391/474 14,000 6/30. Gp. 119/110.

3336

GLANTON
(GLANTON PYKE GDNS)
NORTHUMBERLAND
1921 – 1930

FORM 1090 METEORO LL ORGANIZATION.
(formerly B.R.O. Form A.1). 1921.
Long
Kept at Glant tion 9 a.m.
in the County of N Station Glanton
nel of Rain Gauge 8 in.
by J. Gauge above Ground 4 ft. 2 in.
„ „ Sea Level 521 ft.

IMPORTANT NOT e result entered to the previous day.

If an Observer prefers n estly requested to add the reading at 9 a.m. on d for it at the end of this paragraph. Full inst placing of rain gauges, and particulars as to th or Rainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·08	·06	·02			·10		·61	·24				1
2	·15				·16			·08	·01	·06	·10		2
3	·34		·06				·02	·10		·29	·12		3
4	·28		·27	·01	·20			·04		·05		·13	4
5	·14	·03	·09		·21	·01		·33			·59	·02	5
6	·10	·04	·09		·18		·18	·04		·02		·03	6
7		·07	·01								·06		7
8	·11	·03			·12	·38		·02			·22		8
9	·15							·15	·07				9
10	·58				·02			·47	·06	·04			10
11	·09				·10			·23					11
12	·74				·02			·18	·04				12
13			·26	·15				·06	·96	·05			13
14			·05	·02	·11			·04	·01		·04	·11	14
15		·02	·14	·07			·22					·02	15
16	·44		·03	·03				·23			·09		16
17	·35		·04	·02				·12			·04		17
18			·02	·09			·09					·14	18
19			·07		05					·08	·63	·13	19
20	·03					·14		·30			·43	·13	20
21	·09		·04			·06	·02	·89		·82	·08	·02	21
22	·02			·09		·03	·11	·06		·93	11		22
23	·32	·03	·02				·09		·04	·02			23
24	·57		·07	·23			·25			·05		·09	24
25	·05		·06	07	·02		·29						25
26			·05		·06		·28	·21				·23	26
27	·04				·08			·38				·18	27
28			·10		·22		·68	·12	·03		·08	·07	28
29	·06	X	·06		·01		·08	·77	·07		·02	·07	29
30		X			·16		·07					·37	30
31	71	X		X		X	·13	·21	X	·20	X		31
TOTAL	5·44	·28	1·55	·78	1·72	·72	2·51	5·64	1·53	2·61	2·61	1·74	YEAR'S TOTAL 27·13
Days with ·01 in. or more	22 ~~2~~	7 ~~4~~	20 ~~5~~	10 ~~4~~	16 ~~4~~	6 ~~2~~	14 ~~2~~	23 X	10 ~~3~~	12 ~~2~~	14 X	15 ~~4~~	~~34~~ 169
Days with ·04 in. or more	20	3	15	6	12	4	12	22	7	10	13	11	135

(65,296). Wt. 21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

3336

FORM 1090 **METEOROLOGICAL OFFICE. BRITISH RAINFALL ORGANIZATION.**
(*formerly B.R.O. Form A.1*).

REGISTER OF RAINFALL IN 1921

Kept at Glanton Pyke Gardens
in the County of Northumberland
by J. Henderson

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Glanton
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 4 ft. 2 in.
" " " " Sea Level 521 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·08	·06	·02			·10		·61	·24				1
2	·15				·16			·08	·01	·06	·10		2
3	·34		·06				·02	·10		·29	·12		3
4	·28		·27	·01	·20			·04		·05		·13	4
5	·14	·03	·09		·21	·01		·33			·59	·02	5
6	·10	·04	·09		·18		·18	·04		·02		·03	6
7		·07	·01								·06		7
8	·11	·03			·12	·38		·02			·22		8
9	·15							·15	·07				9
10	·58				·02			·47	·06	·04			10
11	·09				·10			·23	0				11
12	·74				·02			·18	·04				12
13			·26	·15				·06	·96	·05			13
14			·05	·02	·11			·04	·01		·04	·11	14
15		·02	·14	·07			·22					·02	15
16	·44		·03	·03				·23			·09		16
17	·35		·04	·02				·12			·04		17
18			·02	·09			·09					·14	18
19			·07		05					·08	·63	·13	19
20	·03					·14		·30			·43	·13	20
21	·09		·04			·06	·02	·89		·82	·08	·02	21
22	·02			·09		·03	·11	·06		·93	11		22
23	·32	·03	·02				·09		·04	·02			23
24	·57		·07	·23			·25			·05		·09	24
25	·05		·06	07	·02		·29						25
26			·05		·06		·28	·21				·23	26
27	·04				·08			·38				·18	27
28			·10		·22		·68	·12	·03		·08	·07	28
29	·06	×	·06		·01		·08	·77	·07		·02	·07	29
30		×			·16		·07					·37	30
31	71	×		×		×	·13	·21	×	·20	×		31
TOTAL	5.44	·28	1.55	·78	1.72	·72	2.51	5.64	1.53	2.61	2.61	1.74	YEAR'S TOTAL 27.13
Days with ·01 in. or more	22 ~~2~~	7 ~~4~~	20 ~~5~~	10 ~~4~~	16 4	6 ~~2~~	14 ~~2~~	23 ~~X~~	10 ~~3~~	12 ~~2~~	14 ~~X~~	15 ~~4~~	~~34~~ 169
Days with ·04 in. or more	20	3	15	6	12	4	12	22	7	10	13	11	135

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

Exo [illegible]

3442

AIR MINISTRY.

FORM 1090.   METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 192 .

Kept at Glanton Pyke Gardens
in the County of Northumberland
by J. Henderson

Lat. ______ Long. ______
Time of Observation 9. a. m.
Nearest Railway Station Glanton
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 4 ft. 2 in.
" " " " Sea Level 521 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	·05				·07	·02	·07	·06	·44				1
2		·44	·09	·04	·20		·03	·03	·04				2
3		·34	·09	·09	·03		·09	·06		·16	·38		3
4		·06	·24	·02	·12								4
5	·01		·25				1·11		·03	·31	·10	·03	5
6	·16		·11	·02	·06		1.40		·01		·08		6
7	·14		·03					·05				·15	7
8	·05	·03	·09				·28	·81	·06	·04			8
9			·12			·03	·14			·04	·01	·01	9
10				·01						·02	·13		10
11													11
12				·46		·64	·12	·15	·06	·04		·03	12
13	·23	·02				·10	·29	·04	·59			·23	13
14	·11			·77		·03	·13		·31				14
15	·83	·05		·13			·56	·07					15
16	·25	·09	·04	·04	·21		·09	·15				·30	16
17		·26			·01			·10	·12	·03		·06	17
18	·21				·20	·08			·05				18
19	·10	·12	·06						·06	·05		·06	19
20	·09	·05	·06		·03	·05		·08	·24	·15		·93	20
21	·12	·08	·08		·02			·11	·17	·08		·09	21
22	·01	·22	·04	·04	·12	·13		·04		·08		·02	22
23		·02	·01	·02	·11	·09				·03	·02		23
24	·03		·15				·02	·13				·02	24
25	·77	·02	·13	·04		·22				·09	·16		25
26	·10	·06	·06	·36			·13		·35	·18	·03	·17	26
27	·58	·10	·18	·09					·05	·22	·05	·03	27
28	·15	·01	·03				·19	·08	·77	·33		·06	28
29	·08		·13	·01			·19	·04		·19	·01	·76	29
30	03	×	·15	·12		·08	·03	·03	·15	·15	·07	·29	30
31	02	×	·10	×		×	·10		×	·06	×		31
TOTAL	4·12	1·97	2·24	2·26	1·18	1·47	4·97	2·03	3.50	2·25	1·04	3·24	YEAR'S TOTAL 30·27
Days with ·01 in. or more	22	17	22	16	12	11	18	17	17	19	11	17	199
Days with ·04 in. or more	17	12	19	11	8	8	15	15	15	16	7	11	154

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

Form 1090

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

10 JAN 1924

Kept at Glanton Pyke Gardens
in the County of Northumberland
by Joseph Henderson

Lat. Long.
Time of Observation 9. a. m.
Nearest Railway Station Glanton
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 4 ft. 2 in.
" " " " Sea Level 521 ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.09	.19	.23	.03			.03	.07	.23			.15	1
2	.08	.09	.03	.21			.02	.24	.09		.26	.02	2
3		.03	.21	.01		.16			.08	.57	.44	.02	3
4						.03				.19	.05	.10	4
5	.15		.05			.09		.06		.05	.11	.08	5
6	.07	.13	.01	.02				.24	.03		.14		6
7	03.	.31	.18				.18					.06	7
8	.16	.12	.09			.07		.48		.12	.05	.04	8
9	.11	.41	.06	.56	.39		.07				.15	.05	9
10	.02	.48	.08	.57	.24	.04	.25			.06		.01	10
11	.08	.04		.02	.46						.04		11
12		.16	.04	.14	.02	.13		.15	.06	.05	.54	.03	12
13	.07	.18		.06	.07				.11		.14		13
14		.19		.08	.09							.03	14
15		.21			.32	.28	.08	.02			.20	.04	15
16		.05			.08	.05	.02	.33		.03	.13		16
17		.03				.12	.04	.08	.25				17
18		.06			.11			.03	.06	.02			18
19	06	.01				.02	.15	.09	.10		.11	.07	19
20		.09			.03			.40	.14	.09	.41	.05	20
21		.17		.12					.12	.04	.20	.26	21
22	.14						.12	.05		.04	.19		22
23				.05	.04		.02	.24	.11	.32	.21		23
24		.12		.09	.07	.16		.02	.27	.23		.07	24
25		.25		.10	.32			.06	.10	.24		.47	25
26		.73		.06	.02			.16	.02	.26		.04	26
27		.20	.16		.09		.12	.17	.10	.31	.18	.03	27
28		.04	.08	.05			.13	.01	.01	.02	.11	.18	28
29	.65	×		.14	.02		.23	1.53		.15	.10	.28	29
30		×		.02	.04		.39			.04	.06	.06	30
31	02	×	.17	×	.04	×	.04	.16	×		×	.07	31 ✓
TOTAL	1.73	429	1.39	2.33	245	1.15	1.89	4.59	1.88	283	382	2.21	YEAR'S TOTAL 30.56
Days with ·01 in. or more	14	24	13	18	18	11	16	21	17	19	21	23	215 ✓
Days with ·04 in or more	11	21	11	13	14	9	12	17	14	16	21	17	176 ✓

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

FOR OFFICIAL USE. 3279

FORM 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924

County No.
River Dist. Tweed
Station No.

8 JAN 1925

Kept at Glanton Pyke Garden
in the County of Northumberland
by Mr. Joseph Henderson

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Glanton
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 4 ft. 2 in.
" " " " Sea Level 521 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					.04	.67	.10	.05			.10		1 RRR
2	.04				.05		.05	.10		.01	.06	.14	2 E.S.Y
3				.01	.05		.39	.02		.09		.03	3 C
4	.01				.14		.06	.06		.04		.58	4 S.W.B
5		.02			.02	.04	.20	.03		1.27		.11	5
6					.31	05	.22	.08	.13	.28		.02	6
7					.16	.26	.05		.52				7
8	.18				.44	.42	.02		.01		.04	.08	8
9	.30	.08		.07	.23	.08			.25	.06			9
10	.07	.05		.04	.28	.10	.08		.03	.04		.02	10
11	.14	.11		.01	.02	.29					.03	.04	11
12	.34	.07			.06	.12	.05		.05				12
13	.16			.13	.01							.07	13
14					.08	.07		.02	.02		.02		14
15		.09		.02	.03	.03	.02		.08			.34	15
16					.06			.04	.03	.02		.01	16
17	.18	.10				.07		.55	.03				17
18	.22	.02	.02		.16	.03	.26			.06	.03	.02	18
19	.05		.02		.12	.12	.03	.01	.56				19
20					.07		.31	.09	.14	.05			20
21	.26	.01	.01		.23	.04	.09	.12		.06	.02		21
22	.31	.01	.11		.01		.05	.10	.25		.18	.04	22
23		.05	.24	.06	.03			.22	.04		.07	.19	23
24		.03	.10	.10			.09	.23				.08	24
25		.16	.04	.45	.30		.04	.01	.10	.04	.04	.16	25
26	.05	.06		.34	.07	.02			.03	.38	.26	.18	26
27		.10		.24	.03		.05	.02	.01	.10	.15	.08	27
28	.01	.05	.01	.03			1.28	.12	.01	.04	.13		28
29		.01			.02	.03	.36	.05	.02	.22	.01	.20	29
30		×		.01	.13		.31		.21	.14	01	.09	30 697
31		×	.03	×	1.29	×	.04		×	.02	×	.01	31
TOTAL	2.32	1.02	.58	1.51	4.44	2.44	4.15	1.92	2.52	2.92	1.15	2.49	YEAR'S TOTAL 27.46
Days with ·01 in. or more.	15	17	9	13	28	17	23	19	20	18	15	21	215
Days with ·04 in. or more	13	11	4	8	20	13	20	13	11	15	9	15	152

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

3316

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Glanton Pyke Gardens
in the County of Northumberland
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 4 ft. 2 in.
" Ground " Sea Level 521 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Records taken in Millimetres should be entered on Form 1091.

Jan. 1, following.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·64	—	·68	—	—	—	—	·38	—	—	·18	·04	1
2	·19	—	·06	·15	·01	·04	·08	—	·08	—	·10	·13	2
3	·28	—	·02	—	·21	—	·03	·01	·14	·10	·23	—	3
4	—	·01	—	—	·17	—	—	—	—	·02	·02	—	4
5	—	·02	—	·25	·03	—	—	·03	·05	—	—	—	5
6	·02	—	—	·14	·08	·05	·09	·11	·06	·05	·13	—	6
7	—	·01	—	·10	·07	—	—	·04	·13	·06	·23	·02	7
8	·08	·19	·02	·04	·03	—	—	·61	·02	—	·61	·08	8
9	—	·24	·01	·03	—	—	·07	·05	1·37	—	—	·10	9
10	·01	·22	·08	—	—	—	—	·05	·12	—	·15	·02	10
11	—	·26	·07	—	·05	—	—	·02	·11	—	—	·11	11
12	—	·05	—	·01	·03	—	—	·06	—	·03	—	·02	12
13	·02	·13	·03	—	—	—	·01	·07	·05	·03	—	·03	13
14	—	·57	·04	·09	—	—	—	—	—	—	—	·44	14
15	—	·42	—	·05	·04	—	—	—	·08	—	—	·04	15
16	—	·20	·02	·02	—	—	·01	—	·02	·14	—	·03	16
17	·01	·22	—	·12	—	—	—	—	·06	—	—	·07	17
18	—	·02	—	·12	·04	—	—	—	—	·07	—	·58	18
19	—	30	·13	—	—	·02	—	—	·34	·05	—	·38	19
20	—	—	·18	—	·03	—	·30	·05	·02	·28	—	·45	20
21	—	·09	·08	·01	—	—	—	·12	·01	·03	—	·25	21
22	—	—	—	·08	—	—	—	·57	·64	·23	·11	·05	22
23	·06	·05	·03	·02	·11	—	·03	·19	·09	—	—	—	23
24	—	·18	·02	—	1·01	—	·03	·02	—	·04	·08	—	24
25	·03	·20	·10	·02	—	—	·47	·02	·27	·03	·04	·02	25
26	·04	·17	·02	·16	·21	—	·15	·15	·02	·18	·08	·04	26
27	—	·13	—	—	·17	·02	·41	·01	—	·07	·02	·03	27
28	·07	·17	—	·04	·06	—	·06	—	—	·13	·35	·04	28
29	·32	—	—	·08	·19	—	·07	—	—	·06	·16	·18	29
30	·03	×	·01	·20	·02	·13	·08	—	—	—	·07	·16	30 700
31	·03	×	·06	×	·04	×	—	—	×	·03	×	—	31 ✓
TOTAL	1·83	3·85	1·66	1·73	2·60	·26	1·89	2·56	3·68	1·63	2·56	3·31	YEAR'S TOTAL 27·56
Days with ·01 in. or more.	15	22	19	20	20	5	15	19	20	19	16	24	214
Days with ·04 in. or more.	8	18	10	14	14	3	10	13	15	13	14	17	149

(Signed) Joseph Henderson [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

8316

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1926.

Kept at Glanton Pyke Gardens

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 4 ft. 2 in.

„ Ground „ Sea Level 521 ft.

observer asked re leak or shift of gauge

7 inches low / up. see encl. 1A file 778744/27.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.08									.23	.73	.06	1
2		.12									.24	.04	2
3	.10		.08										3
4		.05	.03		.07					.04	.28		4
5	.03	.10	.03		.06	.05	03	.20		.04	.04	.17	5
6	.04	.09		.03	.03		.20	.43	.05	.09	.03		6
7	.05	.09	.02	.03	.05	.04	.03			.03	.03		7
8	.08	.05			.02				.06	.43	.04		8
9		.14	.07		.13	.13	.14		.10	.34			9
10		.06			.07	.22		.21			.17		10
11		.03			.04	.07		.08		.07	.06		11
12		.07			.11	.16		.02	.31	.41	.03		12
13	.05				.10	.03		.03	.13	05	.22	.18	13
14	.38	.08		.09	.03	.41		.05	.30		.09	.04	14
15	.22	.09		.11		.23		.33			.04		15
16	.05	.10		.06	.04	.24		.04	.02	.15	.17	.02	16
17	.06		.08								.01	.01	17
18	.27		.04	.02			.37	.31			80		18
19	.02	.03	.06	.03		.07	.34	.07	1.21	.05	.02		19
20		.01	.02	.04	.10	.17	.03	.24	.56		.19	.03	20
21		.11	.07	.03	.07		.05	.07		.20	.02	.04	21
22	.13	.03	.03	.04			.02	.05		.34	.62	.03	22
23	.06					.10	.09	.09	.03		.02		23
24	.03			.05	.06		.17		.04	.58	.03	.08	24
25	.14			.22	.03				.21	.32	.24	.05	25
26	.02	.12	.01	.10	.22	.03			.31		.10	.04	26
27	.03	.11		.04	.03		.18				.08		27
28	.12	.03	.05	.07	.07		.26			.39	.23		28
29	.09			.06	.04					.24	.11		29
30		×		.02	.06	.20		.18	.18	.26	.04		30 up low
31	.08	×	.03	×	.03	×		.01	×		×		31
Total	2.13	1.51	.62	1.04	1.46	215	1.91	241	3.51	4.26	4.68	.79	YEAR'S TOTAL 26.47
Days with .01 in. or more.	22	20	14	17	22	15	13	17	14	19	28	13	214
Days with .04 in. or more.	17	15	4	11	16	13	9	14	12	18	20	9	161

up/low

Please read the Notes and Instructions Overleaf.

34 +1.0 30 +1.0 16 +.50 20 +.50 53 +.50 41 +2.0

(144ws)

(Signed) Joseph Henderson [P.T.O.

Section **A** for the entry of Daily Observations.

3300A

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

Kept at Glanton Pyke Gardens
in the County of Northumberland
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 4 ft. 2 in.
„ Ground „ Sea Level 521 ft.

Com mp 1926

Fds Maps OK
See File 778744/27 Minute 3

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·04	·02	·03		·42	·04			·17	·22		1
2	·11	·02	·30	·41	·17					·03	·17		2
3	·02		·05		·11	·02	08				·08		3
4	·07		·11	·27	·76	·23	·14						4
5	·05	·09	·33	·05		·77	·56				·06		5
6	·03	·03			·02	·04	·01	·39	·07		·05		6
7	·05	·10	·18	·23		·01	·71	·04	·04		·45	·03	7
8	·15		·08			·11		1·66		·04	·13	·05	8
9	·01		·17	·19		·01		·09	·14		·27	·02	9
10			·25	·04				·05	·05	·03	·06	·05	10
11			·25	·03		·07	·06		·11		·33	·09	11
12	·16		·06	·02	·05		·03	·01			·07	·03	12
13	·21	·02	·05	·12	·24			·37		·29	·04	·07	13
14	·02				08			·17	·28	·20	·05	·37	14
15		·03		·03				·04			·09	·11	15
16					·04	·13		·05	·03	·05	·02		16
17						·18	·03					·14	17
18	·05					·16	·04	·28		·02	·04	·18	18
19		·01	·03			·01		·08	·07	·01	·46	·41	19
20	·11	·05			·02	·04		·07	1·02		·35	·09	20
21	·02	·04			·31		·76	·09	1·42	·43	·23	·48	21
22		·13	·28	·08	·01	·22	·06	·39	·77	·22	·07	·89	22
23	·10	·04	·17	·02	·06	·61	·04	·49			·24	·22	23
24	·03	·07	·23	·09	·09	·18		·08	·08	·11	·01	·04	24
25	·02		·16	·39	·01	·73	·03		·02	·12		·18	25
26	·24	·08				·08	·39	·01	·33	·25		·09	26
27	·34	·06	·12		·04	·02	·16	·18		·25		·03	27
28	·33	·14		·07		·02	·02	·10	·11	·14	04	·02	28
29	·06		·24			·01			·09		·04		29
30	·07	×	·04	02		·30	·02	·04	·01	·02			30
31		×		×	·25	×		·05	×		×		31
TOTAL	2·25	·95	3·12	2·09	2·26	4·37	3·18	4·73	4·64	2·38	3·57	3·59	YEAR'S TOTAL 37·13
Days with ·01 in. or more.	22	16	20	17	16	23	18	22	17	14	24	21	238
Days with ·04 in. or more.	14	11	18	11	12	16	12	20	14	12	22	17	179

Found OK

3

40-12-1-27
144w)

(Signed) Joseph Henderson [P.T.O.

3383

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Glanton Pyke Gardens

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 4 ft. 2 in.

" Ground " Sea Level 521 ft.

Nov. 1 low. accept

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.44	02	.21				.19		.05		.18		1
2		.11	.19	.04	.03						.41		2
3	.03	.03		.24	.08		.03		.03		.18		3
4	.09	.14	.29	.05		.01	.21					.04	4
5	.25	.04	.27				.02		.21	.11	.21	.03	5
6	.16	.03				.02	.03	.08				.06	6
7	.06	.01	.07		.02	.12		06		.21	.05		7
8			.03	.02		.33		.13	.08				8
9	.11	.09	.13			.45	.02		.05	.20			9
10	.17	.21	.21	.16		.11	.01		.13	.09	.05		10
11	.02	.25	.24	.06	.04			.83		.62	.15	.29	11
12	.04		.29	.08	.05	.02		.08			.02	.02	12
13	.05	.22	.17	.07	.10	1.61		.23		.03	.08	.04	13
14	.13	.04	.13	.01		.15			.05	.08	.01		14
15	.09	.09	.02	.06	34	.23		13		.07		.08	15
16	.10	.12	.04	.16	.05	.02			.04	20	.40	.26	16
17	.05	02	.21	.03	.09	.09			.13				17
18	.74		.07	.03	.11	.17				.24		.08	18
19			.03	.17	.26	.64		.30	.03				19
20	.08		.03	.21	.01			1.45	.04	.17	.12	.06	20
21	.16			.03	.02	.07		.22	.04	.17	.33		21
22			.05	.02		.02			03		.10		22
23	.08		.06		.03	.01	.01	.14	.05	.08	.42		23
24	.11	.02	.08					.02	.26	.38			24
25	.14					.24			.09			.24	25
26	.04		.05		.17	.41	.52	.48		.33			26
27	.02		.08		.05		.36	.08	.03				27
28	.24			.01		.12	.24	.22	.05			.16	28
29	.37	05	.58				.28		.03	.16	.07	.12	29
30	.02	×	.02	.10	.05	.17	.02			.05		34	30
31	.28	×	.06	×		×		.05	×	.34	×		31
TOTAL	4.07	1.49	3.61	1.55	1.50	5.01	1.94	4.20	1.42	3.53	2.78	1.82	YEAR'S TOTAL 32.92
Days with ·01 in. or more.	27	14	25	19	17	21	13	16	19	18	16	14	222
Days with ·04 in. or more.	23	11	21	12	12	15	6	15	15	16	14	12	142

40-9999

(Signed) Joseph Henderson

[P.T.O.

3466

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

3466

Kept at Glanton Pike

in the County of Northumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground..................ft..................in.

,, Ground ,, Sea Level..................ft.

Mr. Henderson has died See file 779744/27

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1								·60	·2	·10	—	·41	1
2								—	—	·18	·10	·7	2
3								30	—	·13	—	·17	3
4								·90	·9	—	—	·11	4
5								·20	·5	·12	·12	·9	5
6								·7	·4	·30	·4	·6	6
7								—	—	·27	·2	·35	7
8								—	—	·50	·10	·2	8
9								—	·2	·10	·12	·42	9
10								1·62	—	·2	·60	—	10
11								—	—	—	·3	·20	11
12								·45	—	—	·16	·34	12
13								—	—	—	—	·4	13
14								[illegible]	—	—	—	—	14
15								·5	—	—	—	—	15
16								·17	—	·8	·15	—	16
17								—	—	—	1·0	—	17
18								·20	—	—	·42	—	18
19								—	—	—	·9	—	19
20								·3	·4	—	·2	·5	20
21								·17	·10	·4	—	—	21
22								·10	—	—	—	·10	22
23								·3	—	·2	—	—	23
24								—	—	·52	·10	·50	24
25								—	—	—	·2	·45	25
26								—	—	—	·27	·21	26
27								·22	—	·15	—	·10	27
28								·5	—	·15	·9	—	28
29								·9	·40	·12	·12	·65	29
30		×						—	—	·34	·16	·5	30
31		×		×		×		—	×	·11	×	·15	31
TOTAL								5·5	0·76	3·26	3·72	4·54	YEAR'S TOTAL
Days with ·01 in. or more.													
Days with ·04 in. or more.													

40-9999

(Signed) W. Richardson is new gardener

[P.T.O.

First in X Northumberland/6 (3536A)

Section **A** for the entry of Daily Observations.

FOR ~~OFFICIAL~~ USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Northumberland/6

[illegible] annual [illegible] Suggest [illegible]

Kept at Glanton Pyke GARDENS.

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 4 ft 2 in.

,, Ground ,, Sea Level .... ft.

days/total

inp 1929

OK previous

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.15	.68	—	.25	—	.2	.22	.43	—	.5	.25	—	1
2	.5	.25	—	.17	—	—	—	.34	—	.1	1.37	—	2
3	.3	.4	—	.2	.4	—	.10	.10	—	.11	.31	—	3
4	.5	.12	—	.3	—	—	.30	.9	.4	.25	—	—	4
5	.3	.25	.13	.4	.2	—	—	.8	—	—	—	—	5
6	.2	.35	.10	.20	—	—	—	.9	—	.6	—	.11	6
7	.7	—	—	—	.18	—	—	.5	.20	.24	.6	.35	7
8	.15	—	—	.2	.17	—	—	.5	—	.45	—	.3	8
9	.7	—	.7	.13	.15	.7		.8	.17	—	—	—	9
10	.15	—	—	—	.3	—	.18	.5	.25	—	—	.2	10
11	.2	—	—	.2	—	—	—	.2	.7	.8	—	.27	11
12	.15	—	—	—	.5	—	—	.25	.6	.2	—	.17	12
13	.49	—	.10	.10	.8	—	.30	.10	.45	.2	—	.2	13
14	.19	.2	.3	.2	.3	—	.50	—	.8	.2	.19	.32	14
15	.9	.12	.2	—	—	—	—	—	.1	.38	.7	—	15
16	.2	—	1.13	—	—	.1	1.5	.2	.5	.7	—	.4	16
17	.6	—	.10	.6	.7	—	.90	.2	.85	.2	—	—	17
18	—	—	.30	.30	.3	.12	.4	.8	.5	.2	.30	—	18
19	—	—	.7	.3	—	—	.10	.44	.40	.12	.6	—	19
20	—	—	.11	.10	—	.7	.40	.24	32	.2	.35	—	20
21	.1	—	.4	—	—	.26	28	—	—	.3	.40	—	21
22	.10	.9	—	—	—	.2	1.4	—	.3	.5	.50	—	22
23	.1	.2	—	.14	.10	.6	.32	.4	.1	—	—	—	23
24	.2	.5	—	.5	—	.4	.3	.2	—	—	.34	—	24
25	—	.9	—	1	—	.4	—	.2	.3	—	.11	.10	25
26	.33	.4	—	.1	—	—	—	.5	—	—	—	.20	26
27	.16	—	—	.8	—	.6	—	[illegible]	.25	.1	—	.26	27
28	—	—	—	—	—	.8	—	—	.12	—	—	.26	28
29	—	—	.10	—	—	—	.35	.35	3	.4	.2	.21	29
30	—	×	—	—	—	22	.42	.74	.15	.10	—	.23	30
31	40	×	.3	×	—	×	—	2	×		×	.3	31
TOTAL	2.72	2.12	2.33	1.78	0.95	0.87	6.13	3.77	3.60	2.17	4.30	2.56	YEAR'S TOTAL 33.30
*Days with ·01 in. or more.	24	13	14	20	12	13	17	25	21	22	14	16	211
*Days with ·04 in. or more.	16	11	11	12	8	10	15	19	16	13	13	12	156

40-9999

average from Survey 29.4.

(Signed) Walter Richardson Supt

[P.T.O.

*See Instruction 2 (*f*) on other side.

Section **A** for the entry o

FOR OFFICIAL USE.

~~3573~~ 3295

FORM 1090. METEOROL … RGANIZATION.

HALLINGTON RES
(NEWCASTLE W.W)

1926 – 1930

Kept at Halling
in the County of North

…quested to read the instructions
…e filling in this form.

Diameter of Funnel of Gauge
Height of top of Gauge above
„ Ground „

…r should fill in section C

THE MORNING … EVIOUS DAY.

An observer who does not c… January 1st of the following year in the space on the right …

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·06	-	-	-	-	-	-	-	·01	·30	·10	-	1
2	·05	·11	-	-	-	-	-	·02	-	·01	·17	·03	2
3	·28	-	·13	·01	-	-	-	-	-	-	-	-	3
4	-	·04	·12	-	·02	-	-	-	·02	-	·15	-	4
5	·03	·26	·05	-	·12	-	-	·28	-	·02	-	·12	5
6	·10	·44	·05	-	·16	-	·74	·03	·12	·10	·11	-	6
7	·20	·21	-	-	·04	·19	-	-	-	·03	·03	-	7
8	·07	·14	·01	·02	-	-	-	-	·10	·23	·01	-	8
9	-	·05	·41	·02	·11	·33	·05	·02	·06	·23	·01	-	9
10	-	·02	-	-	·20	·29	-	·13	-	·15	·07	-	10
11	-	·01	-	-	·06	·01	-	·17	·02	·06	·05	-	11
12	-	-	-	-	·03	·29	-	·07	·03	·58	-	-	12
13	·04	-	-	-	·06	·01	-	·12	·03	·60	·05	·14	13
14	~~·14~~ 17	·31	-	·09	-	·33	-	·01	·37	·04	·12		14
15	·11	·11	-	·03	-	·71	-	·59	-	-	·07	-	15
16	·03	·08	-	·01	·06	·37	-	·16	·03	·03	·32	·01	16
17	·08	·06	·03	·15	-	·03	-	-	-	-	-	·02	17
18	·05	·03	-	·02		-	2·22	·45	-	-	·66	-	18
19	-	·18	·07	·05	·08	-	·25	·03	·94	-	·03	·01	19
20	·05	·02	·06	-	·21	·07	·04	·27	·76	-	·13	-	20
21	-	·14	·11	·13	·06	-	·10	·05	-	·11	·01	·05	21
22	·20	-	·09	·05	-	·23	·02	·09	-	·15	·13	·01	22
23	·02	·02	·05	·02	-	·27	·11	·08	·01	·01	-	-	23
24	·06	-	-	·03	·17	-	·45	-	·04	·29	-	·06	24
25	·11	-	-	·20	·02	-	-	-	·13	·30	·35	·02	25
26	·02	·27	·01	·15	·85	-	·18	-	·33	-	·08	-	26
27	·05	·11	-	·06	-	·54	·02	-	-	-	-	·01	27
28	·20	-	·03	·04	·30	·01	·30	-	-	·13	·19	-	28
29	·17	X	·02	-	·08	-	-	-	-	·11	·38	-	29
30	-	X	-	·02	·05	·55	-	·14	·12	-	·01	-	30
31	·10	X	·03	X	·02	X	-	-	X	-	X	-	31
TOTAL	2·25	2·61	1·27	1·10	2·40	4·23	4·48	2·41	3·12	3·48	3·23	·48	YEAR'S TOTAL 31·66
Days with ·01 in. or more.	23	20	16	18	20	16	12	18	17	20	23	11	214
Days with ·04 in, or more.	19	15	10	9	16	12	16	13	10	15	17	4	150

(Signed) Arthur Hazelhurst [P.T.O.

Section **A** for the entry o

FORM 1090.

FOR OFFICIAL USE.

~~3573~~
3295

AIR MINISTRY.
METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1926.

Kept at Hallington
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
„ Ground „ Sea Level 470 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·06	-	-	-	-	-	-	-	·01	·30	·10	-	1
2	·05	·11	-	-	-	-	-	·02	-	·01	·17	·03	2
3	·28	-	·13	·01	-	-	-	-	-	-	-	-	3
4	-	·04	·12	-	·02	-	-	-	·02	-	·15	-	4
5	·03	·26	·05	-	·12	-	-	·28	-	·02	-	·12	5
6	·10	·44	·05	-	·16	-	·74	·03	·12	·10	·11	-	6
7	·20	·21	-	-	·04	·19	-	-	-	·03	·03	-	7
8	·07	·14	·01	·02	-	-	-	-	·10	·23	·01	-	8
9	-	·05	·41	·02	·11	·33	·05	·02	·06	·23	·01		9
10	-	·02	-	-	·20	·29	-	·13	-	·15	·07	-	10
11	-	·01	-	-	·06	·01	-	·17	·02	·06	·05	-	11
12	-	-	-	-	·03	·29	-	·07	·03	·58	-	-	12
13	·04	-	-	-	·06	·01	-	·12	·03	·60	·05	·14	13
14	·17	·31	-	·09	-	·33	-	·01	·37	·04	·12		14
15	·11	·11	-	·03	-	·71	-	·59	-	-	·07	-	15
16	·03	·08	-	·01	·06	·37	-	·16	·03	·03	·32	·01	16
17	·08	·06	·03	·15	-	·03	-	-	-	-	-	·02	17
18	·05	·03	-	·02	-	-	2·22	·45	-	-	·66	-	18
19	-	·18	·07	·05	·08	-	·25	·03	·94	-	·03	·01	19
20	·05	·02	·06	-	·21	·07	·04	·27	·76	-	·13	-	20
21	-	·14	·11	·13	·06	-	·10	·05	-	·11	·01	·05	21
22	·20	-	·09	·05	-	·23	·02	·09	-	·15	·13	·01	22
23	·02	·02	·05	·02	-	·27	·11	·08	·01	·01	-	-	23
24	·06	-	-	·03	·17	-	·45	-	·04	·29	-	·06	24
25	·11	-	-	·20	·02	-	-	-	·13	·30	·35	·02	25
26	·02	·27	·01	·15	·85	-	·18	-	·33	-	·08	-	26
27	·05	·11	-	·06	-	·54	·02	-	-	-	-	·01	27
28	·20	-	·03	·04	·30	·01	·30	-	-	·13	·19	-	28
29	·17	X	·02	-	·08	-	-	-	-	·11	·38	-	29
30	-	X	-	·02	·05	·55	-	·14	·12	-	·01	-	30
31	·10	X	·03	X	·02	X	-		X	-	X	-	31
TOTAL	2·25	2·61	1·27	1·10	2·70	4·23	4·48	2·71	3·12	3·48	3·23	·48	YEAR'S TOTAL 31·66
Days with ·01 in. or more.	23	20	16	18	20	16	12	18	17	20	23	11	214
Days with ·04 in, or more.	19	15	10	9	16	12	10	13	10	13	17	4	150

(Signed) Arthur

[P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3573

3280

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

Kept at Hallington Res.
in the County of Northumberland
Diameter of Funnel of Gauge ·5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
„ Ground „ Sea Level 470 ft.

days ✓

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	·01	·03	–	·21	·23	–	–	·30	·39	–	1
2	·01	–	·06	·30	·20	·01	–	–	–	·02	·24	–	2
3	·03	·02	·12	–	·02	–	·13	–	–	–	·06	–	3
4	·08	–	·02	·13	·73	·15	·04	–	–	–	·05	–	4
5	·04	·07	·15	·08	–	·02	·57	–	·12	–	·06	–	5
6	·01	–	·07	·05	–	·09	–	·78	·30	–	–	–	6
7	·01	·09	·17	·02	–	–	·50	–	–	·02	·37	·02	7
8	·29	–	·05	·02	–	·38	–	1·56	·03	·02	–	–	8
9	–	–	–	·32	–	·02	–	·56	–	–	·14	–	9
10	–	–	·10	·13	–	–	–	·04	·20	–	·03	·02	10
11	·05	–	·18	·15	–	–	–	–	–	–	·08	·11	11
12	·08	–	·14	·02	–	–	–	·07	–	–	·02	·03	12
13	·15	·02	–	·09	·15	–	–	·38	·06	·19	–	·02	13
14	·03	–	–	·02	·09	–	–	·25	·05	·10	·03	·80	14
15	–	–	–	–	·02	–	–	·25	–	·11	·12	·31	15
16	–	–	–	–	·19	·13	–	·04	·07	·03	–	·04	16
17	–	–	–	–	–	·17	–	–	·12	·02	–	·03	17
18	·02	–	–	–	–	·05	–	·17	–	·04	·03	·07	18
19	–	·02	·03	–	–	–	–	·18	·08	·07	·74	·07	19
20	·20	–	–	–	·08	·02	·16	·12	1·26	–	·13	·02	20
21	–	·04	–	–	·05	–	·76	·23	·93	·52	·28	·39	21
22	–	·02	·23	·21	–	·15	·50	·43	·49	·25	·06	·63	22
23	·04	·02	·16	·03	·06	·21	·05	·02	–	–	·22	·10	23
24	–	–	·11	·10	·03	·11	–	·32	·02	·07	–	·25	24
25	·06	·13	·75	·61	–	·75	·04	–	·02	·15	–	·23	25
26	·18	·07	·03	–	–	·02	·70	–	·39	·11	–	·13	26
27	·19	·07	·02	·03	·02	·05	·43	·25	–	·02	–	·05	27
28	·23	·10	–	·05	–	·04	·02	·03	·01	·25	·04	·02	28
29	·18	X	·30	–	–	–	–	–	·23	·02	–	·01	29
30	·07	X	·04	·02	–	1·42	·02	·08	·07	–	–	–	30
31	·01	X	–	X	·15	X	–	·02	X	–	X	–	31
TOTAL	1·96	·67	2·74	2·41	1·79	4·00	4·15	5·78	4·45	2·31	3·09	3·35	YEAR'S TOTAL 36·70
Days with ·01 in. or more.	21	12	20	20	13	19	14	20	18	19	19	21	216
Days with ·04 in. or more.	14	7	15	12	9	14	12	17	14	12	15	13	154

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) Arthur Hardcastle.

[P.T.O.

3364

FOR OFFICIAL USE.

3573

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Hallington
in the County of Northumberland
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 1 ft. — in.
,, Ground ,, Sea Level 470 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·11	·24	·18	·04	-	-	·14	-	-	-	·10	-	1
2	-	·09	·08	-	-	-	-	-	-	-	·43	-	2
3	-	-	-	·02	·10	-	-	-	·09	-	·11	-	3
4	·08	·24	·21	·05	-	-	·15	-	·02	-	·02	·06	4
5	·10	·16	·09	·02	-	-	·06	-	·21	·50	·22	·04	5
6	·06	·02	-	-	-	·16	·02	·19	-	-	·06	·07	6
7	·14	·05	·04	-	-	·20	-	·31	·02	·52	-	-	7
8	-	·10	·15	-	-	·32	-	·04	·10	·03	·02	-	8
9	·14	·21	·30	-	-	·20	-	·06	·09	·15	-	-	9
10	·09	·14	·21	·13	-	-	-	·07	·14	·19	·03	-	10
11	·02	·06	·42	·03	·02	·12	-	·96	-	·75	·20	·46	11
12	·10	-	·41	·02	-	·05	-	·04	-	-	-	·08	12
13	·08	·15	·06	·05	·11	1·66	-	·16	-	-	·04	·01	13
14	·24	·04	·02	·01	-	·29	-	·02	·04	·20	·16	-	14
15	·08	·11	-	·02	·12	·04	-	·08	·02	·04	·02	·35	15
16	·04	·26	·02	-	·02	·03	-	·09	-	·06	·58	·17	16
17	·03	·02	·09	-	-	·29	-	-	·08	-	-	-	17
18	·57	-	·03	-	·33	·13	-	-	·01	·24	·05	·05	18
19	-	-	·06	·02	·38	·24	-	·06	·07	·02	·32	-	19
20	·12	-	-	·12	·07	-	-	·68	-	·05	·21	-	20
21	·10	-	-	·04	-	·07	-	·09	-	·08	·07	·03	21
22	-	·02	·01	-	-	·04	-	·06	-	·01	·13	·08	22
23	·33	-	·02	-	·04	·02	·02	·14	·02	·03	·20	-	23
24	·20	-	·05	-	-	·05	-	·04	·09	·12	·17	·05	24
25	·13	-	-	-	-	·12	-	·16	·07	·03	·05	·04	25
26	·03	-	·05	-	·18	·05	·80	·56	-	·11	-	-	26
27	·04	-	·06	-	·04	-	·10	·11	-	-	-	-	27
28	·16	-	-	-	-	·07	·17	·01	·14	-	-	·12	28
29	·25	·03	·30	-	-	·03	·02	·37	-	·15	-	·27	29
30	·03	×	-	·10	·02	·06	-	-	-	·02	-	·45	30
31	·32	×	·04	×	-	×	-	·17	×	·22	×	-	31
TOTAL	3·59	1·94	2·90	·67	1·43	4·24	1·48	4·47	1·21	3·52	3·19	2·33	YEAR'S TOTAL 30·97
Days with ·01 in. or more.	26	17	23	14	12	22	9	23	16	21	21	16	220
Days with ·04 in. or more.	22	13	18	7	9	19	6	21	11	15	17	14	172

40-12-1-27
144w)

(Signed) Arthur Holdcastle.

[P.T.O.

3446

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

3573

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Hallington
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
„ Ground „ Sea Level 470 ft.

days

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·08	–	·02	–	·20	·03	·02	–	·21	·03	–	1
2	·05	·09	–	–	–	·10	–	·22	–	·44	·02	·04	2
3	–	·03	–	–	–	·22	·02	·05	·07	·02	–	–	3
4	·09	–	–	·35	·18	·03	1·56	·45	·02	·31	·05	·19	4
5	·07	–	–	–	–	·23	·13	·10	–	·20	·05	·08	5
6	·06	–	–	–	·26	·06	·02	·38	–	·06	–	·15	6
7	·02	–	–	·03	·03	·10	–	·08	–	·46	·20	–	7
8	–	·05	–	–	·03	·02	–	·02	–	·25	·09	·39	8
9	·26	–	–	·07	–	–	·02	–	–	–	1·20	·07	9
10	·07	·04	–	·02	·05	·05	·03	·10	–	·02	·04	·31	10
11	–	–	–	–	·06	–	·06	–	–	–	·06	·09	11
12	·02	–	–	–	·02	·19	–	–	·06	–	·04	·03	12
13	·01	–	–	·06	·02	·07	–	·40	–	–	–	·07	13
14	·06	·05	–	–	·09	·08	–	·02	–	–	–	–	14
15	·25	·10	–	·02	·12	·08	–	–	–	–	–	–	15
16	–	–	–	–	–	·02	–	·21	–	·03	·05	–	16
17	–	–	–	·10	–	–	–	·02	–	–	·10	·03	17
18	·02	–	–	·09	–	–	–	–	·02	–	·31	–	18
19	–	–	–	·09	–	·05	–	–	·07	–	·02	–	19
20	–	–	–	–	–	–	–	–	·02	·09	–	·08	20
21	–	·02	·17	–	–	·15	·11	·07	–	–	–	·03	21
22	–	·05	–	·04	–	–	·54	·07	–	–	–	·07	22
23	·02	·04	–	–	·05	–	–	·05	–	·46	·06	·27	23
24	·02	·15	–	·07	–	·09	–	·03	–	·11	·03	·64	24
25	·02	·06	–	–	–	–	–	–	–	·02	·15	·36	25
26	–	·08	–	·30	–	–	–	–	–	–	–	·05	26
27	·13	·02	–	·43	–	–	·02	·16	–	·09	·09	·06	27
28	·19	–	–	·13	–	–	·26	–	·98	·12	·20	·55	28
29	·26	X	–	–	–	–	–	·12	·02	·19	·04	·08	29
30	·02	X	–	·03	–	–	·25	·02	·15	·06	·21	–	30
31	–	X	·10	X	–	X	·64	·02	X	–	X	·04	31
TOTAL	1·65	·86	·27	1·85	·91	1·74	3·72	2·61	1·41	3·14	3·04	3·68	YEAR'S TOTAL 24·88
Days with ·01 in. or more.	20	14	2	16	11	17	14	21	9	18	21	22	185
Days with ·04 in. or more.	11	11	2	11	7	14	8	14	5	14	17	19	133

40-9999

(Signed) Arthur Hardcastle. [P.T.O.

3516

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

3573

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Hallington

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 470 ft.

[illegible]

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·21	1·10	-	·18	-	-	-	·61	-	-	·51	-	1
2	·15	·15	-	·20	-	-	-	·56	-	-	·43	-	2
3	·07	·09	-	·08	-	-	·09	·05	-	·18	·03	-	3
4	·04	·14	·03	·02	·02	-	·10	·40	·10	·31	-	-	4
5	·05	·29	·09	-	·03	-	-	·02	-	·02	-	-	5
6	·05	·07	·11	·08	·03	-	-	·03	·24	·18	-	·03	6
7	·20	-	-	-	·22	-	-	-	·13	·12	·12	·29	7
8	·11	-	-	·07	·11	-	-	·05	-	·60	·03	·02	8
9	·06	-	·11	·17	·04	·09	-	·26	·15	-	-	-	9
10	·15	-	·16	-	·10	-	·03	·04	·06	·02	-	·04	10
11	* ·10	-	·05	·02	·02	-	-	·02	·03	·25	-	·34	11
12	* ·28	-	·10	·08	·14	-	-	·49	·03	·03	-	·11	12
13	·38	-	-	·05	·19	-	·43	·16	·08	-	-	·03	13
14	·46	·03	·20	-	-	-	·03	-	-	-	·30	·09	14
15	-	-	·39	·02	·02	-	-	-	-	·33	·13	-	15
16	·02	-	·35	-	-	·05	1·40	-	-	·05	-	·09	16
17	-	-	·20	·10	·22	·14	·25	·08	·61	-	-	-	17
18	-	-	·07	·26	·10	-	·09	·06	·24	·04	·68	·02	18
19	-	-	-	·20	·02	·22	·30	·25	·24	·07	·10	-	19
20	·02	-	·21	·10	·02	·04	·57	·44	·02	-	·27	·02	20
21	·03	-	·08	·02	-	·08	·20	·10	-	·25	·43	-	21
22	·09	·05	-	-	-	-	1·25	-	-	·13	·31	-	22
23	-	·02	-	·07	·02	·08	·02	·03	-	·04	-	·02	23
24	·09	* ·06	-	·16	-	·03	-	·02	·03	-	·24	·04	24
25	-	* ·08	·02	-	-	-	-	-	·02	-	·12	·08	25
26	·35	·03	-	-	·04	-	-	·09	·23	-	·02	·17	26
27	·18	-	-	·09	·02	·05	·02	-	·16	·02	-	·10	27
28	-	-	-	·02	-	·02	·05	-	·01	·02	·05	·06	28
29	-	×	·12	-	-	-	·96	·63	·08	·12	·02	·10	29
30	-	×	-	-	-	·04	-	·48	·03	-	-	·46	30
31	·40	×	·05	×	-	×	-	-	×	·15	×	-	31
TOTAL	3·49	2·11	2·34	1·99	1·36	·84	5·79	4·87	2·49	2·93	3·79	2·11	YEAR'S TOTAL 34·11
Days with ·01 in. or more.	22	12	14	20	18	11	16	22	19	20	17	19	213
Days with ·04 in. or more.	19	9	15	18	9	9	12	17	12	15	13	13	158

40-9999

× Melted snow.

(Signed) Arthur Hardcastle

[P.T.O.

HEXHAM
—
BEAUFRONT CASTLE
NORTHUMBERLAND
1921 - 1930

3297

FORM A. 1. METEOROLOG ORGANIZATION.

4 FEB 1922

REG 1921.

Kept at Beaufron

in the County of No

by The Lady K

ng.

9-30 a.m.

n Hexham

Rain Gauge ~~12~~ in. 8

above Ground 1 ft. in.

„ Sea Level ft.

IMPORTANT NOTE.— lt entered to the previous day.

If an Observer prefers not to requested to add the reading at 9 a.m. on 1st it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	·15						·05	·67		·35		1
2	·20		·07					·65				·06	2
3	·15				·03			·23		·30			3
4	·15		·15	·02				·25		·07	·10		4
5	·16		·21					·05		·03			5
6			·23		·30			·53			·15		6
7			·05	·03	·07			·10		·03		·63	7
8			·04				·03	·07			·95		8
9	·07				·15	·30		·15					9
10	·47							·30					10
11	·65							·20					11
12	·17	·04			·02			·20	·05				12
13	1·75		·03		·13	·06		·11		·03		·03	13
14		·03		·29				·01	1.30		·20		14
15					·15								15
16	·03	·03	·06										16
17	·70							·35					17
18	·35		·06	·07				·02					18
19	·10		·11								·25	·27	19
20												·35	20
21		·01						·35				·10	21
22	·15		·06					·12		1·00		·06	22
23				·16			·14	·35		·50			23
24	·15						·60						24
25	·35		·06										25
26	·20		·06										26
27			·10	·22		·07		·10			·10	·43	27
28	·03		·13			·08	·19	·35				·40	28
29			·17		·20		·27	·70					29
30	·02	×					·05	·65			·15	·20	30
31		×		×	·11	×			×		×	·35	31
TOTAL	5.87	·26	1.59	·79	1.16	·57	1·28	5·87	2·02	1·96	2·25	2·88	YEAR'S TOTAL 26·44
Days with ·01 in. or more	~~20~~	~~5~~	~~16~~	~~6~~	~~9~~	~~4~~	~~6~~	~~23~~	~~3~~	~~7~~	~~8~~	~~11~~	~~118~~
Days with ·04 in. or more	16	2	15	4	7	4	5	20	3	4	8	10	98

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3297

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

4 FEB 1922

REGISTER OF RAINFALL IN 1921.

Kept at Beaufront Castle. Hexham
in the County of Northd
by The Lady Rayleigh

Lat. — Long.
Time of Observation 9-30 a.m.
Nearest Railway Station Hexham
Diameter of Funnel of Rain Gauge ~~12~~ in. 8
Height of top of Gauge above Ground 1 ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.02	.15						.05	.67		.35		1
2	.20		.07					.65				.06	2
3	.15				.03			.23		.30			3
4	.15		.15	.02				.25		.07	.10		4
5	.16		.21					.05		.03			5
6			.23		.30			.53			.15		6
7			.05	.03	.07			.10		.03		.63	7
8			.04				.03	.07			.95		8
9	.07				.15	.30		.15					9
10	.47							.30					10
11	.65							.20					11
12	.17	.04			.02			.20	.05				12
13	1.75		.03		.13	.06		.11		.03		.03	13
14		.03		.29				.01	1.30		.20		14
15					.15								15
16	.03	.03	.06										16
17	.70							.35					17
18	.35		.06	.07				.02					18
19	.10		.11								.25	.27	19
20												.35	20
21		.01						.35				.10	21
22	.15		.06					.12		1.00		.06	22
23				.16			.14	.35		.50			23
24	.15						.60						24
25	.35		.06										25
26	.30		.06										26
27			.10	.22		.07		.10			.10	.43	27
28	.03		.13			.08	.19	.35				.40	28
29			.17		.20		.27	.70					29
30	.02						.05	.65			.15	.30	30
31					.11							.35	31
TOTAL	5.87	.26	1.59	.79	1.16	.51	1.28	5.87	2.02	1.96	2.25	2.88	YEAR'S TOTAL 26.44
Days with ·01 in. or more	~~20~~	~~5~~	~~16~~	~~6~~	~~9~~	~~4~~	~~6~~	~~23~~	~~3~~	~~7~~	~~8~~	~~11~~	~~118~~
Days with ·04 in. or more	16	2	15	4	7	4	5	20	3	4	8	10	98

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

Exd 11/23 3405

Comd for WD

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Beaufront Castle Hexham
in the County of North d.
by The Lady Rayleigh

Lat. ______ Long. ______
Time of Observation 9 am
Nearest Railway Station Hexham
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. ~~[illegible]~~ in.
" " " " Sea Level 400 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following. none

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·03		·10	·46		·06	·03				·05	1
2	·10	·26					·05		·39			·20	2
3		·46	·32										3
4		·52			·10					·10	·06		4
5	·30	·03	·07		·02					·12			5
6	·10		·25		·06		1·20			·28			6
7					·02		·45				·10		7
8								·26					8
9							·85	·42			·26		9
10	·15					·08	·17					·14	10
11						·01	·01			·03			11
12											·08	·10	12
13		·07		·61		·35	·30	·35	·40				13
14						·09	·07		·75				14
15	·26	·24		·60		·12	·07		·15	·07		·07	15
16				·20			·61						16
17					·32		·01	·19	·04			·50	17
18	·13	·03	·10		·05		·02		·25			·10	18
19						·15				·10			19
20		·10			·09							·05	20
21			·12		·05				·52			1·35	21
22	·14			·15				·30	·90	·04		·21	22
23		·26			·10	·21							23
24	·17			·15		·12				·09			24
25						·06	·03						25
26	·30		·36										26
27	·26	·06	·42	·17		·08			·03			·10	27
28	·24	·27		·05		·25			·21			·30	28
29							·33	·23	·49	·17		·10	29
30		×	·16			·10	·28				·03	1·20	30
31		×	·19	×		×	·05	·06	×		×		31
TOTAL	1·03 ~~2·15~~ 2·18	~~2·33~~ 2·30	·10 ~~1·99~~ 2·09	·46 ~~2·03~~ 2·39	~~1·27~~ ·81	·06 ~~1·62~~ 1·68	·03 ~~4·56~~ 4·73	~~1·84~~ 1·81	4·13	1·00	·05 ~~·53~~ ·58	~~4·47~~ 4·412	YEAR'S TOTAL 28·12 ✓
Days with ·01 in. or more	~~11~~ 12	~~12~~ ~~8~~ 11	~~9~~ 10	8	~~10~~ ~~8~~ 9	~~12~~ ~~11~~ 13	17 ~~11~~	~~8~~ ~~5~~ 7	11 ~~4~~	9 ~~4~~	5 ~~4~~ 6	13 ~~14~~	~~126~~ ~~[illegible]~~
Days with ·04 in. or more	11	9	~~9~~ 10	8	~~8~~ 7	12 ~~11~~	~~13~~ 12	7	10	8	5 ~~4~~	13 ~~14~~	102 ✓

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

Cond for IND

Recd – [illegible]

3426

17 JAN 1924

AIR MINISTRY.

FORM 1090

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Beaufront Castle Hexham
in the County of Northumberland
by The Lady Rayleigh

Lat. ______ Long. ______
Time of Observation —
Nearest Railway Station Hexham
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. ______ in.
" " " " Sea Level 400 ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. .00

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office. Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in	in.	in.	in	in.	in.	in	in	
1			.10	.15				.05	.07				1
2	.10	.15	.10	.10	.03				.16			.05	2
3	.27			.07				.30			.35	.45	3
4		.77	.20			.27		.15		.07	.50		4
5						.04			.03			.03	5
6			.10		.07			.11		.10			6
7		.30	.15					.54		.03	.13	.06	7
8	.16	.05	.10			.09							8
9		.01	.10					.23		.35	.23	.10	9
10		.17		.15	.35				.15			.28	10
11	.10		.07	.60	.30		.30			.45	.10		11
12	.09							.28			.24		12
13	.03	.61		.37					.31	.09	1.25	.07	13
14	.16				.32						.09		14
15		.05									.05		15
16						.29	.09	.14			.49	.05	16
17					.54			.40					17
18								.09	.26		.10	.06	18
19		.40						.10					19
20							.35		.31		.30		20
21								.47	.20	.20	.74		21
22								.47		.10	.10	.49	22
23					.18		.25	.35		.17			23
24	.01				.15			.17	.10	.30			24
25		.15				.55	.19	.15	.03	.13	.10		25
26		.35			.29			.18	.20	.07		.70	26
27		.45								.15	.10		27
28	.03	.15		.45			.17			.30		.10	28
29	.15		.30	.10	.13		.17				.05		29
30		X		.10			.57	1.45					30
31	.10	X		X		X	.43	.07	X	.07	X	.30	31
	–	.10	.15	–	–	–	.05	.07	–	–	–	–	
TOTAL	1.20	~~3.06~~ 3.16	~~1.22~~ 1.27	~~2.04~~ 1.89	2.31	1.19	~~2.22~~ 2.27	~~5.68~~ 5.70	~~1.87~~ 1.75	2.53	4.90	2.74	YEAR'S TOTAL 30.91
Days with ·01 in. or more	~~11~~	~~13~~	~~9~~	~~9~~	~~10~~	~~5~~	~~9~~	~~19~~	~~11~~	~~15~~	~~17~~	~~13~~	~~145~~
Days with ·04 in. or more	~~8~~	~~12~~	~~9~~	~~9~~	~~8~~	~~5~~	~~9~~	~~18~~	~~9~~	~~14~~	~~17~~	~~12~~	~~129~~ +30

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

Con. for W.D.

FOR OFFICIAL USE.

3247

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

6 JAN 1925

County No.
River Dist.
Station No.

Kept at Beaufront Castle Hexham
in the County of Northd
by The Lady Rayleigh

Lat. Long.
Time of Observation
Nearest Railway Station HEXHAM
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.
0

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1				.04		2.35	.20	22			.45		1 RVR
2	.37				.16	.30	.15	~~.27~~ 26			.30		2 [illegible]
3				.06	.05			.76				.40	3 C
4							.40	.09		.15			4 AMB
5		.05			.16		.20			.10		.55	5
6				0.10	.37	.10				.70		.30	6
7					.20	.10			.10	.40			7
8				.12	.07				.50		.01		8
9						.16						.25	9
10									.20	.15			10
11	.18	.20			.13	.26				.05			11
12					.07	.39			.02				12
13	.50	.10			.12			.60					13
14	.10			.15	.07								14
15								.15					15
16					.10		.05		.17				16
17	.16								.10		.25		17
18								.71	.05				18
19		.23 .25			.45					.30	.17		19
20	.09				.17		1.10		.55				20
21	.20				.06		.64	.18	.17	.17	.07	.07	21
22					.25			.15	.45				22
23	.40		.30		.10		.20		.35 35			.10	23
24		.05	.51	.32		.15		.70	.29		.10	.05	24
25			.17		.23		.30	.37					25
26		.07		.03	.32				.07			.08	26
27	.30			.32		.10	.20			.50		.35	27
28		.15		.36			.40	.57		.56		.15	28
29				.17			.87	.35 35		.06		.65	29
30		X		.04		.15	.16	.15		.40			30 841
31		X		X	.16	X			X	.20	X		31 33.13
TOTAL	2.30	.85	.04 ~~.98~~ 1.02	~~1.71~~ 1.67	2.35 ~~3.24~~ 5.59	.29 ~~4.06~~ 1.91	22 ~~4.87~~ 4.87	~~4.50~~ 4.28	2.90	.45 ~~3.52~~ 3.97	~~1.15~~ .90	2.85	YEAR'S TOTAL 33.13
Days with ·01 in. or more.	9	7	3	11 1	19	10	13	13	13 1	13	7 1	11	~~176~~
Days with ·04 in. or more	9	7	3	10	19	10	13	13	12	13	6	11	~~176~~

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Col for arith & WD

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3284

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Beaufort Castle Hexham

in the County of Northumberland

Diameter of Funnel of Gauge ~~8~~ in.

Height of top of Gauge above Ground ft. 8 in.

" Ground " Sea Level 450 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. ·43.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1			·25	·27	·65						·05		1
2			·35		·25	22		·15			·12		2
3		·12		·36				·13			·07		3
4									·14	·16	·23		4
5		·35	·05		·35						·14		5
6	1·20	·12		·12	·20			·02			·02		6
7		·15		·15	·22	·06		·30	·05				7
8		·02	·06	·15	·08			·12	·20		·79		8
9		·15			·21			·45	·04		·05	·14	9
10		·10		·09	·13		·13		·96			·14	10
11		·79	·14	·06					·07				11
12		·34						·05	·07				12
13		·20	·05		·05			·03		·19			13
14		·20											14
15		·46	·05	·10					·03			·61	15
16		07		·20					·09	·05			16
17		·17								·21			17
18		·03		·02					·09			·21	18
19				·33								·80	19
20			·40		·20		·23		·53	·13		·30	20
21			·15		·07			·23	·05	·25		·50	21
22								·77		·03			22
23			·06	·15			·15	·25	·84	·23			23
24	·42	·04	·24		·30			·75	·15	·04		·04	24
25		·05	·10	·10	·65			·19		·32	·49		25
26	·04	·17		·05	·02		·46		·31		·05	·04	26
27			·03	·30	·10		·20	·15	·05	·12			27
28		·10	·01	·05	·10		·47	·27		·10		·10	28
29	·15				·07					·16		·72	29 821
30	·72	X		·05	·05		·03	·03				·35	30
31		X	~~27~~	X	·10	X			X		X	·43	31 ~~08~~ 32·34 ~~31·44~~
TOTAL	– ~~2·53~~	·25 ~~3·63~~	1·94 ~~1·99~~	·65 ~~2·55~~	– ~~3·80~~	– ~~·28~~	– ~~1·67~~	3·89 ~~3·87~~	3·67 ~~3·65~~	·05 ~~1·99~~	– ~~2·01~~	3·95 ~~3·94~~	YEAR'S TOTAL 31 32·34
Days with ·01 in. or more.	2·53 ~~5~~	3·88 ~~19~~	1·69 ~~14~~	3·20 ~~17~~	3·15 ~~19~~	·28 ~~2~~	1·67 ~~7~~	3·89 ~~16~~	3·67 ~~16~~	2·04 ~~13~~	1·96 ~~10~~	4·39 ~~12~~	~~150~~
Days with ·04 in. or more.	~~5~~	~~17~~	~~12~~	~~16~~	~~19~~ 18	~~2~~	~~6~~	~~13~~	~~14~~ 15	~~13~~ 12	~~9~~	~~12~~	~~137~~

(Signed) Kathleen Rayleigh [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3284

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Beaufront Castle, Hexham

in the County of Northd

Diameter of Funnel of Gauge 2½ in.
Height of top of Gauge above Ground ft. 8 in.
„ Ground „ Sea Level 450 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

Dup

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. .43

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1			.25	.27	.65						.05		1
2			.35		.25	.22		.15			.17		2
3		.12		.36				.13			.07		3
4									.14	.16	.23		4
5		.35	.05		.15						.14		5
6	1.20	.12		.12	.20			.02			.02		6
7		.15		.15	.22	.06		.30	.05				7
8		.02	.06	.15	.08			.12	.20		.79		8
9		.13			.21			.45	.04		.05	.14	9
10		.10		.09	.13		.13		.96			.14	10
11		.79	.19	.06					.07				11
12		.34						.05	.07				12
13		.20	.05		.05			.03		.19			13
14		.20											14
15		.46	.05	.10					.03			.61	15
16		.07		.20					.09	.05			16
17		.17								.4			17
18		.03		.02					.09			.20	18
19				.33								.80	19
20			.40		.20		.23		.53	.13		.30	20
21			.15		.07			.23	.05	.25		.50	21
22								.77		.05			22
23			.06	.15			.15	.25	.84	.93			23
24	.42	.04	.24		.30			.75	.15	.04		.04	24
25		.05	.10	.10	.65			.19		.32	.49		25
26	.04	.17		.05	.02		.46		.31		.05	.04	26
27			.03	.50	.10		.20	.15	.03	.12			27
28		.1.0	.01	.05	.10		.47	.27		.10		.10	28
29	.15				.07					16		.72	29
30	.72	×		.05	.05		.03	.03				.35	30
31		×		×	.10	×			×		×		31
TOTAL	2.53	3.63	1.99	2.55	3.80	.28	1.67	3.87	3.65	1.99	2.01	3.94	YEAR'S TOTAL 31.91
Days with .01 in. or more.	5	19	14	17	19	2	7	16	16	13	10	12	
Days with .04 in. or more.	5	17	12	16	18	2	6	13	14	13	9	12	

(Signed) Kathleen Rayleigh. [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.
3283

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1926.

Kept at Beaufront Castle, Hexham
in the County of Northd
Diameter of Funnel of Gauge ~~5~~ 8 in.
Height of top of Gauge above Ground 1 ft. in.
„ Ground „ Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: none

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.43	.05			.05				.12	.55			1
2											.17		2
3	.07	.15	.03								.12	.04	3
4	.35		.17										4
5		.04	.03								.03		5
6		.03	.33		.05		.50				.05		6
7		.45			.10			.48	.09		.11		7
8	.22	.14			.03	.21			.21				8
9		.13							.05	.35	.07		9
10		.02	.46			.54		.18		.15			10
11		.03			.15			.13	.02	.03	.09		11
12									.13	.09			12
13						.51			.05	.55	.04		13
14	.05				.12			.053	.33	.453	.20	.26	14
15	.25	.45		.10		.50		.97			.08		15
16		.12		.05		.75		.10					16
17	.05	.12			.05	.47					.30		17
18		.07	.03	.10	.03	.07		.16				.09	18
19	.10						1.80	.05			.33		19
20		.20	.03	.14		.07	.30	.27	1.37				20
21		.25	.09		.14		.70	.10	.28		.13		21
22		.15	.02	.12	.10	.11							22
23	.35		.14			3.55	.21	.08		.25	.13		23
24				.15		.42	2.75		.05	.14			24
25	.10				.20								25
26	.09			.38	.02		.06			.30			26
27	.05	.20			.70		.07			.31	.30	.09	27
28	.05	.10		.04		.41	.27				.08		28
29	.15				.25	.11				.16	.15		29
30	.05	×	.06		.03	.77	.12				.20		30
31		×		×		×			×		×		31
TOTAL	2.36	2.68	1.39	1.08	2.09	5.04	3.78	2.55	2.90	3.29	2.58	.48	YEAR'S TOTAL 29.95
Days with ·01 in. or more.	15	18	11	8	15	14	10	11	11	12	18	4	147
Days with ·04 in. or more.	15	15	6	8	11	~~14~~ 13	10	10	10	11	17	4	130

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) Kathleen Rayleigh

[P.T.O.

3268

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

entries appear erratic & frequent accs. occur Dec 11-15 apparently omitted ·48

days

June 30 ~~July~~, corr for date [illegible] 1/60

Kept at Beaufront Castle Hexham

in the County of North'd

Diameter of Funnel of Gauge 7½ in.

Height of top of Gauge above Ground ......ft. 8 in.

" Ground " Sea Level ......ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. 0

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			.09			.36	~~1.10~~		.01	.02			1
2				.05		.08				.15	.35		2
3			.05	.19	.75		.05				.10		3
4		.03	.04								.10		4
5				.13	.85	.11					.05		5
6	.10		.19				.46				.11		6
7	.02		.02	.08		.09	.20	.62	.34				7
8		.21	.14			.04	.36	.13			.37		8
9	.31		.07	.05		.07		1.41					9
10				.31				.52			.13		10
11			.15	.10				.03	.15				11
12	.03		.15	.22				.32	.01		.22		12
13	.09		.02										13
14	.04			.20	.18				.23	.40		.10	14
15	.13				.09			.86					15
16								.74		.08	.16		16
17					.15	.17			.07				17
18									.22	.04			18
19								.50	.05		.05	.10	19
20								.23	.10	.22	.50		20
21					.07		*	.21	1.45			.76	21
22							2.15*	.18	.95	.30		.16	22
23			.18	.25		.09	.23	.19	.45	.05		.36	23
24		.04	.10		.07	.55		.15			.36	.06	24
25			.12	.29	.03	.01		.67	.03	.04		.16	25
26	.12	.09	.66	.14		.70					.05	.20	26
27	.28	.08	.10			.01	.66	.05	.42	.26	.03		27
28	.20	.03	.05	.03			.63	.15	.30	.02			28
29	.21							.01	.05	.22		.20	29
30	.23	✕	.15			1.40							30
31	.01	✕	.07	✕		✕		.13	✕		✕	.04	31
TOTAL	1.79	.48	2.30	2.04	1.67	~~2.28~~ 3.68	~~6.34~~ 4.94	6.80	4.83	1.80	2.78	2.69	YEAR'S TOTAL 35.78
Days with ·01 in. or more.	13	6	18	13	8	13 ~~12~~	8 ~~9~~	19	16	12	14	10	~~150~~
Days with ·04 in. or more.	10	4	14	12	7	11 ~~10~~	8 ~~9~~	17	13	10	13	10	129

40-12-1-27
144w)

(Signed) Kathleen L. Rayleigh [P.T.O.

3356

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Beaufront Castle, Hexham

in the County of Northd.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" Ground " Sea Level .... ft.

apparently W.D. 4/8 11/60

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·11			0·2		·03		·21				1
2		·05		·02	0·3						·05		2
3		·15	·22	·03							·50	·02	3
4	·02										·10		4
5	·03	·14	·19				·37				·02		5
6	·27								·22	·41	·15	0·5	6
7	·08					·04	·03	·15			·10		7
8	·20	·20				·52				·58		·13	8
9		·08				·43			·09				9
10	·16	·07	·12			·05			·16	·25		·05	10
11	·15	·20	·05	·14			·01		·12	·08	·10		11
12			·10			·04		1·08		·70		·23	12
13			·75			·06					·13	·03	13
14	·10	·10	·05	·01		1·50		·15					14
15	·14	·20			·05	·20				·30	·22	·10	15
16	·11	·16			·52	·15				0·8		·03	16
17	·10							·10		0·4	·45		17
18		·26		·04		·45						·07	18
19	·20		·02		·25					·12	·01		19
20					·55	·15				·14		·03	20
21			·15			·08		1·16	·13		·50	·04	21
22	·10		·10			·14							22
23			·15			0·4					·07		23
24						0·3		·15			·43		24
25						0·6		·05	·12	·32	·12	·07	25
26	·40		·15			·15			·07	·03	·11		26
27					·20	·01	1·09	·45		·17			27
28								·25				·10	28
29	·10					·01	·12			·12		·03	29
30		×	·02			·01	·09	·25		·03			30
31		×		×		×		·06	×	·03	×	·40	31
TOTAL	2·21	2·34	2·07	·24	1·62	4·12	1·74	3·85	1·12	3·40	3·06	1·36	YEAR'S TOTAL 27·13
Days with ·01 in. or more.	15	12	13	5	7	20	7	11	8	16	16	15	~~145~~
Days with ·04 in. or more.	13	12	11	2	5	16	4	11	8	13	14	9	~~118~~

40-9999

(Signed) Kathleen T Rayleigh

P.T.O.

3438

Section A for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Beaufront Castle, Hexham

in the County of Northd

Diameter of Funnel of Gauge 8" in.

Height of top of Gauge above Ground ft 12 in.

,, Ground ,, Sea Level ft.

Jan 1 high
Feb ½ low

Jan referred to Obs
who agrees to amendment
f. 42930/30

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05	·06				·05				·05		·15	1
2	·15	·04				·11				·06		·05	2
3						·14	(·14)	·25					3
4		·01			·20	·03	(1·00) 1·14	·75					4
5	·10			·35		·30	·10	·12				·10	5
6					·07	·21		·67		·30		·30	6
7	·15				·13			·18				·06	7
8							·05	·02		·48	·13	·05	8
9		·06						·04		·28	·30	·25	9
10	·10							·07			·79	·10	10
11					·10			·01			·05	·25	11
12	·15					·22	·03				·09	·23	12
13					·05	·05		·19			·17	·09	13
14	·10	·05			·13	·02							14
15		·16										·04	15
16	·30				·20			·25					16
17								·08					17
18				·20							·11		18
19				·02							·09		19
20						·04			·37			·03	20
21								·09				·07	21
22						·12	·78	·06					22
23				·06				·10					23
24		·04						·02		·50		·37	24
25	·70	·15			·08	·03				·25		·40	25
26		·05									·25	·65	26
27				·13				·12					27
28				·70			·26			·10		·01	28
29									·89	·05	·30	·47	29
30		×					·05			·04	·05	·02	30
31	~~1·80~~	×		×		×	·60		×		×	·08	21·66 31
TOTAL	1·80 ~~2·90~~	·62		1·46	·96	1·32	3·01	3·02	1·26	2·11	2·33	3·77	YEAR'S TOTAL ~~22·76~~
Days with ·01 in. or more.	~~9~~	~~9~~	~~–~~	~~6~~	~~8~~	~~12~~	~~8~~	~~17~~	~~2~~	~~10~~	~~11~~	~~21~~	~~113~~
Days with ·04 in. or more.	~~9~~	~~8~~	~~–~~	~~5~~	~~8~~	~~9~~	~~6~~	~~13~~	~~2~~	~~10~~	~~11~~	~~18~~	~~99~~

40-9999

(Signed) Kathleen Rayleigh

P.T.O.

3508

Section A for the entry of Daily Observations. apparently WD

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Beaufront Castle. Hexham

in the County of Northd

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 1 in.

,, Ground ,, Sea Level ft.

To be included in proof

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

1930

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05	·45	·0				·04			·x	·12	·2	1
2	·15			·12				·37			·07		2
3	·10	·10		·19				·26		·10	·06	·20	3
4	·15		·01	·06				·16		·30			4
5		·34		·02				·40	·08	·15		·31	5
6	·05	·21	·02							·25	·04		6
7		·06	·16						·22	·30	·03		7
8	·20				·40						·47		8
9				·05	·15					·08	·02		9
10	·15		·12	·35		·12		·27	·32				10
11			·12	·03	·10			·06	·20				11
12	·25		·03		·05					·03		·35	12
13			·05		·03					·12		·13	13
14	·82			·10	·19		·16		·10			·01	14
15			·03	·04			·03			·07	·40	·12	15
16			·27						·15	·16			16
17			·37	·02		·15	1·01		·15	·04			17
18			·17	·08	·10	·20	·35						18
19			·08	·20	·06		·04	·11	·05	·07	·54		19
20		·15		·20		·21	·02	·65	·15		·07		20
21			·03	·15			·90	·43		·03	·20		21
22		·08	·25				·40	~~·19~~	·04	·10	·26		22
23		·02					1·70	~~·90~~		·07	·27		23
24						·13	·07						24
25				·19									25
26											·33		26
27	·15			·09				·17	·30			·30	27
28			·01	·07			·03		·06			·15	28
29	·05	·30					·20		·03	·09		·15	29
30	·35	×	·03			·03	·20	·90			·08		30
31	·50	×		×		×		·43	×		×	·47	31
TOTAL	2·97	1·71	1·75	1·96	1·08	·84	5·15	4·21	1·85	1·96	2·96	2·19	YEAR'S TOTAL 28·63
*Days with ·01 in. or more.	13	9	16	17	8	6	14	12	13	16	15	10	149
*Days with ·04 in. or more.	13	8	9	11	7	5	11	12	12	14	13	9	127

40-9999

*See Instruction 2 (*f*) on other side.

received 21/7/21

(*Signed*) Kathleen Rayleigh [P.T.O.

Section **A** for the e

AIR M

FORM 1090.

RE 1929.

3564

HEXHAM

CAUSEY HILL

1929-30

FOR OFFICIAL USE.

FALL ORGANIZATION.

3437 A

K/North 12

Kept at Makendon

in the County of N

Diameter of Funnel of Ga

Height of top of Gauge abov

,, Ground ,,

p taken

New gauge 13 in. up and reading at 9 am in 1930

THE MORNING DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Good agreement with Hexham when allowance is made for reading at 18 hrs

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·34	·05	–	·20	–	–	–	·03	–	–	–	·01	1
2	·01	–	–	·01	–	·11	–	–	–	·09	Trace	·04	2
3	–	–	–	–	–	·15	–	·13	·02	·05	– ~~·05~~	·05	3
4		–	–	·26	–	·07	·59	·45	·07	·01	–	·02	4
5	·07	–	–	Trace	–	·01	·52	·23	–	·03	·06	·39	5
6	·01	–	–	–	·23	·44	·05	·28	–	·19	–	·22	6
7		–	–	–	–	·15	·01	·70	–	·01	–	·07	7
8		Trace	–	–	·03	–	–	·04	–	·61	·22	·18	8
9		·04	–	Trace	–	Trace	Trace	Trace	Trace	–	·17	–	9
10	·33	Trace	–	·03	·04	Trace	Trace	·04	–	–	·84	·25	10
11		–	–	–	–	–	–	·10	–	–	·20	·23	11
12		–	–	–	·10	–	·07	·62	·09	–	·11	·26	12
13		–	–	–	–	·34	–	·08	–	–	–	·10	13
14	·25	–	–	·05	·01	–	–	Trace	Trace	–	–	·04	14
15		·12	–	·01	·20	·21	–	–	–	–	–	–	15
16		–	–	–	–	Trace	–	·13	–	–	–	–	16
17	–	–	–	–	–	–	–	·13	–	·08	–	–	17
18	–	–	–	Trace	–	–	–	·11	–	·08	Trace	–	18
19	–	–	–	·12	–	–		–	–	–	·24	–	19
20	–	–	–	·03	–	·03	–	–	·12	·07	–	Trace	20
21	–	·03	Trace	Trace	–	–	–	·01	–	–	–	·45	21
22	–	–	–	–	–	·10	·46	·04	Trace	Trace	Trace	·06	22
23	·01	·05	–	·01	–	–	·36	·10	–	–	·09	·02	23
24	Trace	·05	–	Trace	·01	Trace	–	·15	–	·70	Trace	·17	24
25	–		–	–	–	–	–	–	–	Trace	·21	·78	25
26	·02	·24	–	·39	–	–	Trace	–	–	–	·07	·53	26
27	·10		–	·03	–	–	–	–	–	·02	–	·02	27
28	–	–	–	·80	–	–	·12	·12	Trace	·06	·27	·04	28
29	·16	×	–	·06	–	–	–	–	·87	·06	–	·58	29
30	–	×	–	Trace	–	–	·15	–	·04	·04	·30	·03	30
31	·19	×	–	×	–	×	·40	–	×	–	×	–	31
													YEAR'S TOTAL
TOTAL	1·49	0·58	–	2·00	0·62	1·61	2·73	2·89	1·21	2·10	2·78	4·54	22·55
Days with ·01 in. or more.	17	8	–	13	7	10	10	19	6	15	12	23	140
Days with ·04 in. or more.	12?	7	–	7	4	7	9	16	5	12	11	18	108

40-9999

NK

(Signed) R. W. Gregory

R. W. GREGORY ESQ.

[P.T.O.

Section **A** HE [redacted] for the entry of Daily [redacted]

FOR OFFICIAL USE.

3437 A

x/North 12

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at ~~Makendon Causey Hill.~~

in the County of Northumberland Hexham

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft 2" in.

,, Ground ,, Sea Level 450 ft.

Note. Reading taken at 6 p.m.

New gauge 13 hope and reading at 9am in 1930

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

good agreement with Hexham when allowance is made for reading at 18hrs

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·34	·05	-	·20	-	-	-	·03	-	-	-	·01	1
2	·01	-	-	·01	-	·11	-	-	-	·09	Trace	·04	2
3	-	-	-	-	-	·15	-	·13	·02	·05	~~·05~~ -	·05	3
4		-	-	·26	-	·07	·59	·45	·07	·01	-	·02	4
5	·07	-	-	Trace	-	·01	·52	·23	-	·03	·06	·39	5
6	·01	-	-	-	·23	·44	·05	·28	-	·19	-	·22	6
7		-	-	-	-	·15	·01	·70	-	·01	-	·07	7
8		Trace	-	-	·03	-	-	·04	-	·61	·22	·18	8
9		·04	-	Trace	-	Trace	Trace	Trace	Trace	-	·17	-	9
10	·33	Trace	-	·03	·04	Trace	Trace	·04	-	-	·84	·25	10
11		-	-	-	-	-	-	·10	-	-	·20	·23	11
12		-	-	-	·10	-	·07	·62	·09	-	·11	·26	12
13		-	-	-	-	·34	-	·08	-	-	-	·10	13
14	·25	-	-	·05	·01	-	-	Trace	Trace	-	-	·04	14
15		·12	-	·01	·20	·21	-	-	-	-	-	-	15
16		-	-	-	-	Trace	-	·13	-	-	-	-	16
17	-	-	-	-	-	-	-	·13	-	·08	-	-	17
18	-	-	-	Trace	-	-	-	·11	-	·08	Trace	-	18
19	-	-	-	·12	-	-	-	-	-	-	·24	-	19
20	-	-	-	·03	-	·03	-	-	·12	·07	-	Trace	20
21	-	·03	Trace	Trace	-	-	-	·01	-	-	-	·45	21
22	-	-	-	-	-	·10	·46	·04	Trace	Trace	Trace	·06	22
23	·01	·05	-	·01	-	-	·36	·10	-	-	·09	·02	23
24	Trace	·05	-	Trace	·01	Trace	-	·15	-	·70	Trace	·17	24
25	-		-	-	-	-	-	-	-	Trace	·21	·78	25
26	·02	·24	-	·39	-	-	Trace	-	-	-	·07	·53	26
27	·10		-	·03	-	-	-	-	-	·02	-	·02	27
28	-	-	-	·80	-	-	·12	·12	Trace	·06	·27	·04	28
29	·16	×	-	·06	-	-	-	-	·87	·06	-	·58	29
30	-	×	-	Trace	-	-	·15	-	·04	·04	·30	·03	30
31	·19	×	-	×	-	×	·40	-	×	-	×	-	31
TOTAL	1·49	0·58	-	2·00	0·62	1·61	2·73	2·89	1·21	2·10	2·78	4·54	YEAR'S TOTAL 22·55
Days with ·01 in. or more.	17	8	-	13	7	10	10	19	6	15	12	23	140
Days with ·04 in. or more.	12?	7	-	7	4	7	9	16	5	12	11	18	108

40-9999

NK

(Signed) R. W. Gregory [P.T.O.

R. W GREGORY ESQ.

3507

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at "MAKENDON" CAUSEY WAY HEXHAM

in the County of NORTHUMBERLAND

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 430× ft.

× Recorded as 450 last year but 430 more accurate

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·24	·53	·02	·14	—	Tr.	—	·32	Tr	Tr	·25	—	1
2	·18	·13	Tr	·20	—	Tr	—	·43	—	Tr	·15	—	2
3	·03	·05	Tr	·13	Tr	—	·16	·27	·01	·34	·11	—	3
4	·08	·19	·01	·01	·01	—	·07	·38	·10	·16	—	—	4
5	·05	·11	·12	Tr	·02	—	Tr	—	Tr	·05	—	—	5
6	Tr	·01	·07	·06	·01	—	Tr	Tr	·22	·13	·01	·02	6
7	·20	Tr	Tr	Tr	·16	—	Tr	—	·14	·19	·13	·28	7
8	·15	·01	—	·08	·15	—	Tr	·01	—	·46	·01	·02	8
9	Tr	—	·10	·20	·07	·08	—	·33	·27	Tr	·01	—	9
10	·23	—	·10	—	·15	·05	Tr	·05	·10	Tr	—	Tr	10
11	·08	—	·04	·03	·01	—	—	Tr	·05	·17	—	·41	11
12	·36	—	Tr	·03	·15	—	—	·10	·04	·02	—	·15	12
13	·35	—	—	·02	·14	—	·28	·11	·08	Tr	Tr	Tr	13
14	·61	·05	Tr	Tr	—	—	·05	—	Tr	—	·34	·09	14
15	—	Tr	·36	·04	Tr	—	·08	—	—	·12	·10	·01	15
16	Tr	—	·31	Tr	—	·15	·99	—	Tr	·04	—	·02	16
17	—	—	·26	·07	·10	·33	·40	·14	·55	·01	—	—	17
18	—	—	·05	·13	·07	·05	·03	·16	·03	·04	·55	Tr	18
19	Tr	—	Tr	·12	Tr	·17	·07	·64	·25	·02	·05	—	19
20	·06	—	·18	·12	Tr	·03	·90	·58	·33	Tr	·21	Tr	20
21	Tr	Tr	·25	Tr	Tr	·03	·61	·04	·01	·10	·20	—	21
22	Tr	·03	—	—	—	Tr	1·82	Tr	Tr	·05	·26	—	22
23	Tr	Tr	—	Tr	·02	·09	·12	·02	Tr	·03	·02	·04	23
24	·03	·06	—	·14	·01	Tr	Tr	·04	·02	·05	·38	Tr	24
25	—	·06	Tr	Tr	—	·09	Tr	·03	·05	—	·10	·07	25
26	·24	·02	—	·03	·02	·02	·03	·09	·12	—	·01	·17	26
27	·17	Tr	Tr	·09	—	·01	Tr	—	·06	Tr	—	·14	27
28	Tr	—	·01	—	·01	·02	·05	Tr	·02	·01	·04	·18	28
29	Tr	×	·03	·01	—	—	·12	·73	·16	·11	Tr	·04	29
30	Tr	×	—	—	—	Tr	·10	·45	·04	·03	—	·24	30
31	·21	×	·01	×	—	×	Tr	—	×	·07	×	Tr	31
TOTAL	3·27	1·25	1·92	1·65	1·10	1·12	5·88	4·92	2·65	2·20	2·93	1·88	YEAR'S TOTAL 30·77
*Days with ·01 in. or more.	17	12	16	19	16	13	17	20	21	21	19	15	206
*Days with ·04 in. or more.	15	8	11	13	8	8	15	17	16	15	14	11	151

40-9999

(Signed) R. W. Gregory [P.T.O.

*See Instruction 2 (*f*) on other side.

HOWICK HALL GRDNS.

NORTHUMBERLAND

1921 - 1930

3333

26 JUN 1922

FORM 1090 METEOROLOGI ORGANIZATION.
(formerly B.R.O. Form A.1). REC 1

Kept at Howic
in the County of No
by John Wr

ng.
9 am
on Lilie Mil
Rain Gauge 8 in.
above Ground — ft. 10 in.
,, Sea Level 121 ft.

IMPORTANT NOTE. lt entered to the previous day.

If an Observer prefers not to requested to add the reading at 9 a.m. on 1st it at the end of this paragraph. Full instructi ng of rain gauges, and particulars as to the British Rainfall Organization are given in ainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02							·70	·22				1
2	·09				·05			·17		·03	·08		2
3	·12						·01	·08		·27	·08	·10	3
4	·07	·05	·30		·07			·03			·04		4
5		·03	·16		·17			·37		·01	·51	·04	5
6		·04	·07		·30		·17				·08	·07	6
7		·03						·02			·06	·02	7
8					·17	·30		·01			·01		8
9						·01		·08	·08				9
10	1·06				·07	·03		·32	·02				10
11	·06	·03			·05			·22		·07	·12		11
12	·60				·02	·04		·12					12
13				·16				·06	·76	·09		·02	13
14				·01	·20			·01	·02			·03	14
15			·13	·09			·17					·04	15
16	·10		·04	·04	·06			·08			·02		16
17	·06			·08				·01			·10		17
18				·10			·02				·45		18
19			·04							·14	·10	·15	19
20						·06		1·30		·02	·05	·02	20
21				·01		·11		·51		·81	·16		21
22				·03		·17	·20	·01		1·93	·07		22
23	·30			·22			·08		·06	·01		·06	23
24	·85			·01			·30			·02		·11	24
25	·08		·06				·02						25
26	·05		·02		·02			·19				·13	26
27	·08						·29	·29			·02	·12	27
28			·02		·08		1·20	·12			·02	·05	28
29	·02	X			·06		·05	·42	·03			·02	29
30		X			·21				·07				30
31	·40	X		X		X	·08	·24	X	·08	X	·19	31
TOTAL	3·96	·18	·84	·75	1·53	·72	2·59	5·36	1·26	3·48	1·95	1·17	YEAR'S TOTAL 23·79
Days with ·01 in. or more	16	5	9	10	14	7	12	23	8	12	17	16	144 149
Days with ·04 in. or more	14	2	7	6	12	5	9	17	5	7	13	11	107 108

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

P.T.O.

3337

AIR MINISTRY.

FORM 1090 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

(*formerly B.R.O. Form A.1*).

REGISTER OF RAINFALL IN 1921.

26 JUN 1922

Kept at Howick Gardens

in the County of Northumberland

by John Wright

Lat. — Long.

Time of Observation 9 am

Nearest Railway Station Little Mill

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground — ft. 10 in.

" " " " Sea Level 121 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02							·70	·22				1
2	·09				·05			·17		·03	·08		2
3	·12						·01	·08		·27	·08	·10	3
4	·07	·05	·30		·07			·03			·04		4
5		·03	·16		·17			·37		·01	·51	·04	5
6		·04	·07		·30		·17				·08	·07	6
7		·03						·02			·06	·02	7
8					·17	·30		·01			·01		8
9						·01		·08	·08				9
10	1·06				·07	·03		·32	·02				10
11	·06	·03			·05			·22		·07	·12		11
12	·60				·02	·04		·12					12
13				·16				·06	·76	·09		·02	13
14				·01	·20			·01	·02			·03	14
15			·13	·09			·17					·04	15
16	·10		·04	·04	·06			·08			·02		16
17	·06			·08				·01			·10		17
18				·10			·02				·45		18
19			·04							·14	·10	·15	19
20						·06		1·30		·02	·05	·02	20
21				·01		·11		·51		·81	·16		21
22				·03		·17	·20	·01		1·93	·07		22
23	·30			·22			·08		·06	·01		·06	23
24	·85			·01			·30			·02		·11	24
25	·08		·06				·02						25
26	·05		·02		·02			·19				·13	26
27	·08						·29	·29			·02	·12	27
28			·02		·08		1·20	·12			·02	·05	28
29	·02	×			·06		·05	·42	·03			·02	29
30		×			·21				·07				30
31	·40	×		×		×	·08	·24	×	·08	×	·19	31
TOTAL	3·96	·18	·84	·75	1·53	·72	2·59	5·36	1·26	3·48	1·95	1·17	YEAR'S TOTAL 23·79
Days with ·01 in. or more	16	5	9	10	14	7	12	23	8	12	17	16	149
Days with ·04 in. or more	14	2	7	6	12	5	9	17	5	7	13	11	108

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

P.T.O.

·19 on 31st Dec faulty record, owing to shelter of gauge from heavy N.N.E gale

not much wrong

Total for Dec: looks well on map

METEOROLOGICAL
— OFFICE —
24 JUN 1922

Ent.

2 JAN 1924

AIR MINISTRY.

Form 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Howick Gardens
in the County of Northumberland
by John Wright

Lat. ______ Long. ______
Time of Observation 9 A.M.
Nearest Railway Station Littlemill
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground — ft. 10 in.
" " " " Sea Level 121 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1		·07	·24	·32				·39	·18			·32	1
2	·26	·04	·03	·22				·12	·01			·03	2
3	·05		·29			·26			·22	·27	·40	·12	3
4	·02					·09			·02	·04	·02	·20	4
5	·10		·04			·05				·01	·57	·20	5
6	·12	·08		·01				·27	·04	·03	·05		6
7	·01	·24	·03				·03	·01				·06	7
8	·04		·06				·02	·50		·20			8
9		·21	·01	·39	·22						·08	·11	9
10	·02	·31	·05	·55	·08		·45			·01		·05	10
11	·28	·30	·01		·32						·05		11
12	·01	·13	·04	·06	·07	·17		·25	·02	·16	·78	·10	12
13	·03	·10		·17					·13	·07	·12	·01	13
14		·61			·06							·02	14
15		·32			·45	·27				·06	·61		15
16		·04			·35	·12		·30		·02		·08	16
17	·02	·05			·03	·06		·08	·56	·16			17
18		·10			·07			·04	·10				18
19					·06	·07	·11	·06	·14		·23	·10	19
20		·13			·04			·35	·27	·10	·25	·08	20
21		·25			·02			·02	·13		·20	·98	21
22	·10						·06		·02		·20		22
23								·24		·47	·15		23
24					·10	·15	·02	·04	·37	·08		·10	24
25		·37		·20	·40			·02	·41	·23		·59	25
26		·65		·06	·01			·06		·35		·07	26
27		·27			·02		·06	·05		·36	·18		27
28		·03	·24	·07			·08	·09				·25	28
29	·43	X		·25	·01	·02	·15	1·75	·03	·17	·09	·28	29
30	·01	X			·05		·29	·01		·02	·12	·22	30
31		X	·06	X	·01	X	·05	·02	X		X	·06	31
TOTAL	1·50	4·30	1·10	2·30	2·37	1·26	1·32	4·67	2·65	2·81	4·10	4·03	YEAR'S TOTAL 32·41
Days with ·01 in. or more	15	20	12	11	19	10	11	21	16	19	17	22	193
Days with ·04 in. or more	8	19	8	10	13	9	8	16	11	14	16	8	150

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

3277

25 MAY 1925

Form 1090

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Howick Hall Gdns
in the County of Northumberland
by John Wright

Lat. ______ Long. ______
Time of Observation 9 A.m.
Nearest Railway Station Littlemill
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground ___ ft. 10 in.
" " " " Sea Level 121 ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					·14	·98	·09	·05			·07		1
2	·03				·08			·03			·17	·30	2
3					·04		·76	·07			·01		3
4					·30		·06	·02		·15		·81	4
5					·06		·19	·04		2·28		·11	5
6					·50	·13	·04	·18		·28		·01	6
7					·16	·48	·02		·65	·01	·01		7
8	·10				·41	·53			·16		·10	·18	8
9	·04				·25	·25			·40	·28			9
10	·10	·42		·21		·12				·14		·01	10
11	·16	·25		·06	·04	·21	·34				·05	·01	11
12	·29	·05			·07	·05			·05				12
13	·07			·17	·04			·03			·01	·09	13
14					·05	·05					·06	·02	14
15		·02			·08	·07			·08			·44	15
16					·07			·04	·03	·02		·01	16
17	·39					·12		1·05					17
18	·30	·18	·08		·24	·03	·09			·17	·05		18
19		·02	·01		·21	·06	·07	·09	·65				19
20					·10	·01	·27	·19	·17	·02			20
21	·28	·02	·05		·03		·03	·10					21
22	·63	·01	·12				·09	·23	·37		·09		22
23	·02	·05	·54	·07	·01		·03	·27	·10		·03	·06	23
24		·02	·04	·12	·02		·30	·02				·02	24
25		·25	·02	·20	·06		·03		·13	·10	·12	·20	25
26		·01	·01	·26			·04		·01	·50	·28	·13	26
27		·08		·48	·06		·04			·09	·27	·07	27
28		·02		·03	[illegible]	·04	·80	·14	·02	·05	·21		28
29						·10	·14	·02		·28		·14	29
30		×			·18		·12		·02	·10	·02	·05	30
31		×	·06	×	3·07	×			×		×		31
TOTAL	2·41	1·40	·93	1·60	6·27	3·23	3·55	2·57	2·84	4·47	1·55	2·66	YEAR'S TOTAL 33·48
Days with ·01 in. or more	12	14	9	9	25	16	20	17	14	15	16	18	185
Days with ·04 in. or more	10	7	6	8	22	14	16	12	10	12	11	12	140

850

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3315

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Howick Hall

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground — ft. 10 in.

" Ground " Sea Level 131 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·50		·86		·02	·02		·43			·22	·43	1
2	·23		·01	·30			·05		·14		·04	·37	2
3	·35		·01			·04	·02	·02	·12	·14	·22	·04	3
4	·01				·36						·04		4
5				·33	·33			·01	·02		·28		5
6				·12	·02	·05	·20	·24	·03		·13		6
7		·02		·15			·05	·07	·10	·02	·16	·04	7
8	·03	·10	·04	·01	·10			·50	·01	·02	·34	·07	8
9		·11	·01						1·47		·01	·05	9
10		·08	·12					·01	·01		·08	·02	10
11		·34	·02		·04				·01			·25	11
12		·04		·01						·02		·07	12
13		·16			·02			·05	·01	·07		·17	13
14		·85	·06							·02		·36	14
15		·21	·01	·09					·08	·01		·01	15
16		·23	·04	·05					·05	·14		·20	16
17		·32		·17					·02	·01		·21	17
18		·12		·12						·02		·32	18
19		·03	·20	·01					1·04	·01			19
20			·12	·03			·54		·01	·04		·30	20
21		·11	·12					·23	·01	·56		·19	21
22			·01					·53	1·57	·05	·01	02	22
23	·05	·06			·15			·13	·12	·26	·05		23
24		·30	·07	·01	1·03					·04	·08		24
25		·27	·16	·05	·03		·35		·71	·02	·10 "	·03	25
26		·17		·10	·38		·20		·02	·30	·19 "	·04	26
27		·04			·21		·92			·01	·10 "		27
28	·10	·19			·02		·06	·15		·11	·14 "	·08	28
29	·25	/		·40	·10		·09			·08	·23	·28	29
30		×		·52		·05	·21	·05			·06	·26	30
31	·02	×	·06	×		×	·02		×	·02	×		31
TOTAL	1·54	3·75	1·92	2·47	2·81	·16	2·71	2·42	5·55	1·97	2·48	3·81	YEAR'S TOTAL 31·59
Days with ·01 in. or more.	9	20	17	17	14	4	12	13	20	22	19	23	190
Days with ·04 in, or more.	6	18	11	12	9	3	10	10	10	11	17	19	136

802

(Signed) John Wright [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE. 3315

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1926.

Kept at Howick Hall

in the County of Northumberland

Diameter of Funnel of Gauge 5 inch ~~in.~~

Height of top of Gauge above Ground ....ft. 10 in.

,, Ground ,, Sea Level 121 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·18									·30	·92	·17	1
2		·12								·02	·23	·10	2
3	·46		·04										3
4	·01	·08			·05						·18		4
5	·06	·46	·02		·08		·04	·21		·02		·18	5
6	·13	·58			·06		·72	·27		·04	·05		6
7	·21	·23		·01	·10	·06				·02			7
8	·04	·25							·06	·30	·20		8
9		·14	·07		·27	·54	·05		·10	·50			9
10		·02			·18	·53		·83			·25		10
11		·05			·02	·13		·16			·06		11
12		·02			·20	·15			·11	·70	·04		12
13	·03				·07	·03		·04	·12	·03	·13	·06	13
14	·27	·25		·16	·05	·48			·23	·01	·05	·04	14
15	·33	·10		·10		·18		·30			·02		15
16	·01	·06		·02	·02	·38		·04		·12	·21		16
17	·06			·04						·01	·04		17
18	·48	·01		·06			1·53	·30		·01	·60		18
19	·02	·11	·08	·17		·01	·80	·10	1·55	·04	·03		19
20					·10		·06	·25	·73	·07	·24	·10	20
21		·20	·06		·15		·05	·10		·45	·05	·05	21
22	·35	·02		·03		·19	·04	·10		·10	·83	·03	22
23	·10					·07	·24	·05			·20		23
24	·06				·04		·59		·13	1·23		·05	24
25	·24			·92	·01				·10	·20	·30	·03	25
26	·02	·12	·01	·15	·70	·02	·01		·58		·13		26
27	·01	·05		·08	·09	·04	·04				·03	·03	27
28	·22			·20	·10		·19			·32	·25		28
29	·19	×	·03		·13					·10	·07		29
30		×		·02				·10	·28	·05	·03		30
31	·22	×	·02	×		×			×	·02	×		31
TOTAL	3·70	2·87	·33	1·96	2·42	2·81	4·36	2·85	3·99	4·66	5·14	·84	YEAR'S TOTAL 35·93
Days with ·01 in. or more.	23	19	8	13	19	14	13	14	11	23	25	11	193
Days with ·04 in. or more.	16	15	4	9	16	11	12	14	11	15	21	8	153

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) John Wright

P.T.O.

3300

Section **A** **for the entry of Daily Observations.**

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927

Kept at Howick Hall

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground – ft. 10 in.

„ Ground „ Sea Level 121 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·02	·03		·02	·15	·06			·15	·50		1
2	·02	·03	·15	·21	·26					·03	·08		2
3	·04		·08		·05		·05						3
4	·10		·10	·33	·80	·23	·18						4
5	·01	·17	·61			·31	·75	·02					5
6	·01	·07			·01	·04		·41	·10		·30		6
7		·11	·26	·10			·65	·04	·01		·35	·05	7
8	·48		·09			·16		2·17	·02	·07	·08	·04	8
9			·12	·15				·02	·02		·25	·06	9
10			·08	·04				·04	·12		·25	·01	10
11			·11	·01					·08		·73	·05	11
12			·06	·05								·02	12
13	·16			·08	·30			·18			·13	·07	13
14	·04				·25			·06	·23	·40	·11	·20	14
15	·02							·02		·07	·11	·11	15
16				·02	·13	·20		·15	·04	·04		·06	16
17						·07						·20	17
18	·10					·04		·38			·01	·16	18
19		·03				·01		·02	·02		·18	·31	19
20						·08		·13	1·06		·07	·06	20
21	·17	·05			·28		·62	·61	1·14	·40	·23	·24	21
22		·10	·24	·03		·14	·15	·07	1·19	·13	·10	1·15	22
23	·04	·01	·07	·10	·13	·29	·13		·03		·13	·10	23
24	·02		·20		·04	·06			·02	·11		·15	24
25		·11	·04	·50		·86	·05		·03	·13		·06	25
26	·28	·15		·07		·11	·10		·17	·10		·08	26
27	·20	·05	·05		·02	·11	·04	·14		·13		·02	27
28	·35	·24				·05	·17	·10	·25	·10		·02	28
29	·07	×	·15			·10			·32				29
30	·02	×				·07	·03	·02					30
31		×	·01	×	·10	×		·58	×		×		31
TOTAL	2·13	1·14	2·45	1·69	2·39	3·08	2·98	5·16	4·85	1·86	3·61	3·22	YEAR'S TOTAL 34·56
Days with ·01 in. or more.	18	13	18	13	13	19	13	19	18	13	17	22	196
Days with ·04 in. or more.	12	9	16	10	10	18	12	14	11	12	16	18	158

40-12-1-27
144w)

(Signed)

[P.T.O.

3382

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Howick Gardens

in the County of Northumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" Ground " Sea Level .... ft.

June 13 high accepted

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·50		·40	·07	·04		·17		·07		·05		1
2		·13	·24	·08	·02				·03		·46		2
3		·01		·10	·06		·03		·06		·45		3
4	·02	·10	·15	·01			·21		·04			·02	4
5	·15		·13	·01			·01		·07	·20	·15		5
6	·18		·06				·34	·09				·02	6
7	·02		·02			·25		·06		·44	·02		7
8			·01			·50		·08	·07				8
9			·11			·50			·11	·14	·02		9
10	·03	·21	·20	·39		·06			·06		·02		10
11	·12	·15	·33	·02	·01	·04		·85		·38	·12	·11	11
12	·01		·32	·03	·03	·04		·17				·04	12
13		·15	·01		·11	2·00		·18		·01	·02	·04	13
14	·06	·03	·05			·35				·03	·12		14
15	·04	·02	·04		·21	·19		·10		·08	·02	·33	15
16	·03	·05	·10	·24	·01					·21	·52	·15	16
17	·03		·23	·01	·02	·40			·01				17
18	·85		·06	·25	·12	·20				·20	·01	·07	18
19				·25		·73		·21	·02	·12	·11	·02	19
20	·04			·16	·03			1·09		·01	·17		20
21	05					·04		·15	·01	·05	·24	·06	21
22			·12		·01	·01				·01	·04	·02	22
23	08		·08	·04		·01		·12	·03	·03	42		23
24	03		·20			·34		·03	·26	·05	01	·05	24
25	·16		·01					·05	·08	·05	02	·13	25
26					·12	·18	·41	·48		·15			26
27	·10		·01		·02		·18	·02					27
28	·32				·03	·04	·29	·06				·34	28
29	·67		·56				·33	·21	·15	·15	·16	·18	29
30		×		·11		·21	·04		·12	·01		·33	30
31	·29	×	·02	×		×		·04	×	·10	×		31
TOTAL	3·78	·85	3·46	1·77	·84	6·09	2·01	3·99	1·19	2·42	3·15	1·91	YEAR'S TOTAL 31·46
Days with ·01 in. or more.	22	9	24	15	15	19	10	18	16	20	21	16	205
Days with ·04 in. or more.	15	6	18	10	6	17	8	16	11	14	13	12	146

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(Signed) John Wright [P.T.O.

3465

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Howick Hall

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground — ft 10 in.

,, Ground ,, Sea Level 121 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	·24		·01		·71	·51	·02	·01	·10		·03	1
2		·17				·02		·18	·05	·05	·01	·13	2
3					·17	·03	·02	·04	·04			·10	3
4	·07	·01		·30	·11		1·27	·83	·02	·03	·24	·12	4
5	·03			·02		·06		·09		·22		·01	5
6	·10				·33	·44	·10	·81		·30		·35	6
7					·13	·01		·01		·22	·03		7
8					·04			·01		·32	·07	·32	8
9	·61	·03		·06	·06	·03	·13	·02			·52		9
10		·07			·08		·01	·23				·28	10
11	·03			·02	·02			·05			·11	·11	11
12		·05			·15	·36			·01			·03	12
13	·05				·03	·16		·21					13
14	·04	·05							·02				14
15	·21	·13			·09								15
16						·02		·23		·01	·26		16
17								·14			·34	·03	17
18											·31		18
19				·08		·04			·01		·06	·02	19
20								·02	·05	·04	·01	·39	20
21		·06	·04			·06	·10	·23				·15	21
22	·02	·17					·42	·09				·23	22
23	·18	·14		·09		·03		·06		·42	·05	·72	23
24	·26	·35			·17			·02		·08	·01	·62	24
25	·05	·04		·02							·56	·04	25
26		·02		·02						·66	·14	·02	26
27	·11			·34		·01		·21		·13	·11		27
28	·28			·41			·18	·03	·54	·23	·25	·57	28
29	·22	×					·15	·06	·03	·06	·10	·01	29
30	·01	×					·25	·01	·02	·03	·68		30
31	·07	×	·09	×		×	·78	·02	×		×	08	31
TOTAL	2·37	1·55	·13	1·37	1·38	1·98	3·92	3·62	·80	2·90	3·86	4·36	YEAR'S TOTAL 28·24
Days with ·01 in. or more.	18	14	2	11	12	14	12	24	11	16	19	22	175
Days with ·04 in. or more.	13	11	2	7	10	7	10	15	4	13	13	15	122

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(Signed) John Wright

[P.T.O.

3535

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Howick Gardens

in the County of Northumberland.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ft 10 in.

,, Ground ,, Sea Level 121 ft.

mistake in casting Annual Total.

Alter in proof.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·17	·24	—	·20	—	·01	—	·74	—	—	·50	—	1
2	·01	·13	—	·20	—	—	—	·16	—	·01	·35	—	2
3	—	·05	—	·01	—	—	—	·07	—	·15	·43	—	3
4	·05	·04	—	—	—	—	·05	·15	·05	·13	—	—	4
5	—	·13	·09	·04	—	—	—	·13	—	—	—	—	5
6	—	·11	·08	·11	—	—	·01	·11	·12	·05	—	·04	6
7	·02	—	—	—	·03	—	—	·04	·17	·27	·06	·36	7
8	·04	—	—	·05	·10	—	·02	·03	—	·72	—	·05	8
9	·03	—	·10	·30	·49	·01	—	·03	—	—	—	—	9
10	·10	—	—	—	·03	—	·10	·03	·22	—	—	·05	10
11	·09	—	—	·03	·01	—	—	·07	·27	·06	—	·55	11
12	·28	—	·07	·04	·02	—	—	·05	·09	—	—	·19	12
13	·39	—	·10	·14	·18	—	·32	·21	·25	—	—	—	13
14	·33	·06	·07	—	—	—	·24	—	·20	—	·32	·78	14
15	—	·11	·62	·01	—	—	·24	—	—	·47	·11	·02	15
16	·05	—	·45	·02	—	·06	—	—	—	·05	—	·03	16
17	·01	—	·20	·06	·15	·03	·54	·02	·72	—	—	—	17
18	—	—	·12	·09	·02	—	·09	—	—	—	·36	—	18
19	—	—	—	·04	—	·04	—	·08	·54	·14	·03	—	19
20	—	—	·06	·12	—	—	·34	·40	·08	·02	·31	—	20
21	·02	—	·03	·01	—	·36	·58	·39	—	·27	·35	—	21
22	·10	·07	—	—	—	·01	1·68	—	·04	·08	·25	—	22
23	·01	·01	—	·20	—	·23	·45	·15	—	—	—	—	23
24	·03	·08	—	·04	·02	—	·04	—	·16	—	·30	·10	24
25	—	·08	—	·02	—	·04	—	—	—	—	·11	·43	25
26	·42	·04	—	·01	—	—	—	·03	·11	—	—	·38	26
27	·26	—	—	·14	—	—	—	—	·05	—	—	·17	27
28	—	—	·02	·01	—	—	·24	—	·02	—	·03	·15	28
29	—	×	·09	—	—	·07	·27	1·15	·10	·03	·01	·37	29
30	—	×	—	—	—	·14	—	·66	·06	—	·01	·11	30
31	·27	×	·01	×	—	×	—	—	×	·10	×	—	31 32·~~88~~ 31·90
TOTAL	2·68	1·15	2·11	1·89	1·05	1·00	3·21	4·70	3·2~~3~~5	2·55	3·53	3·78	YEAR'S TOTAL ~~33·68~~
*Days with ·01 in. or more.	20	13	15	23	10	11	16	21	18	15	16	16	194
*Days with ·04 in. or more.	13	12	12	15	4	7	14	16	16	12	12	14	147

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*See Instruction 2 (*f*) on other side. Gardener for The Rt Hon Earl Grey.

(Signed) Eric Woodman [P.T.O.

3837

JAN 1922

IIDERTON

~~[illegible]~~

LILBURN TOWER

NORTHUMBERLAND

1921 - 1930

FORM 1090 **METEOROLOG** **ORGANIZATION.**
(*formerly B.R.O. Form A.1*). **RE**

Kept at Lilburn

in the County of Nor

by W. Lovett. For A. I

ong. 2 W

9 am

on Ilderton

Rain Gauge 10 in.

e above Ground 6 ft. - in.

„ Sea Level 300 ft.

IMPORTANT NOTE.— ult entered to the previous day.

If an Observer prefers not to requested to add the reading at 9 a.m. on 1st it at the end of this paragraph. Full instructi ng of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·05	·01					·40	·20				1
2	·01				·18			·06		·02			2
3	·15		·03		·06		·03	·21		·26	·04		3
4	·15	·02	·25		·05					·04	·02	·16	4
5	·03	·02	·17		·34						·48		5
6	·03		·07		·06		·08	·04					6
7		·01									·07		7
8	·02					·18					·20		8
9	·11				·02			·14	·06				9
10	·77					·01		·25	·04	·09			10
11	·03	·01			·04			·15					11
12	·56				·02			·17	·01				12
13	·01		·26	·10				·03	1.00	·02			13
14			·04	·02	·03		·05	·03				·06	14
15			·28	·08			·18	·06					15
16	·26		·02	·05				·28			·14		16
17			·01					·02			·03		17
18	·36			·09	·05		·06				·49	·12	18
19			·02		·02					·07	·10	·05	19
20						·13		·66			·09	·15	20
21	·05		·01			·06	·02	1.11		·78	·06	·08	21
22				·02		·10	·06			·92	·06		22
23	·36						·07		·02				23
24	·62	·02	·01	·22			·35			·02		·02	24
25	·04		·03				·29						25
26			·06		·03			·14				·18	26
27			·01				·32	·30				·11	27
28	·01		·03		·11		·78	·04	·02		·10	·08	28
29	·07		·07		·03		·05	·57				·02	29
30					·24		·01		·02			·38	30
31	·59				·03		·08	·22		·24			31
TOTAL	4·24	·13	1.38	·58	1.31	·48	2.43	4.88	1.37	2.46	1.88	1.41	YEAR'S TOTAL 22·55
Days with ·01 in. or more	~~8~~ 21	~~5~~ 6	~~10~~ 18	~~2~~ 7	~~7~~ 16	~~1~~ 5	~~3~~ 15	~~3~~ 20	~~4~~ 8	~~3~~ 10	~~2~~ 13	~~2~~ 12	~~50~~ 151
Days with ·04 in. or more	13	1	8	5	9	4	12	17	4	7	11	10	101

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

3337

JAN 1922

AIR MINISTRY.

FORM 1090 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**
(formerly B.R.O. Form A.1).

REGISTER OF RAINFALL IN 1921

Kept at Lilburn Tower
in the County of Northumberland
by W. Lovett, for A. B. Collingwood Esq.

Lat. 55½ Long 2 W
Time of Observation 9 am
Nearest Railway Station Ilderton
Diameter of Funnel of Rain Gauge 10 in.
Height of top of Gauge above Ground 6 ft. : in.
" " " " Sea Level 300 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·05	·01					·40	·20				1
2	·01				·18			·06		·02			2
3	·15		·03		·06		·03	·21		·26	·04		3
4	·15	·02	·25		·05					·04	·02	·16	4
5	·03	·02	·17		·34						·48		5
6	·03		·07		·06		·08	·04					6
7		·01									·07		7
8	·02					·18					·20		8
9	·11				·02			·14	·06				9
10	·77					·01		·25	·04	·09			10
11	·03	·01			·04			·15					11
12	·56				·02			·17	·01				12
13	·01		·26	·10				·03	1.00	·02			13
14			·04	·02	·03		·05	·03				·06	14
15			·28	·08			·18	·06					15
16	·26		·02	·05				·28			·14		16
17			·01					·02			·03		17
18	·36			·09	·05		·06				·49	·12	18
19			·02		·02					·07	·10	·05	19
20						·13		·66			·09	·15	20
21	·05		·01			·06	·02	1.11		·78	·06	·08	21
22				·02		·10	·06			·92	·06	·	22
23	·36						·07		·02				23
24	·62	·02	·01	·22			·35			·02		·02	24
25	·04		·03				·29						25
26			·06		·03			·14				·18	26
27			·01				·32	·30				·11	27
28	·01		·03		·11		·78	·04	·02		·10	·08	28
29	·07		·07		·03		·05	·57				·02	29
30					·24		·01		·02			·38	30
31	·59				·03		·08	·22		·24			31
TOTAL	4·24	·13	1.38	·58	1.31	·48	2.43	4.88	1.37	2.46	1.88	1.41	YEAR'S TOTAL 22·55
Days with ·01 in. or more	~~8~~ 21	~~5~~ 6	~~10~~ 18	~~2~~ 7	~~7~~ 16	~~1~~ 5	~~3~~ 15	~~3~~ 20	~~4~~ 8	~~3~~ 10	~~2~~ 13	~~2~~ 12	~~50~~ 151
Days with ·04 in. or more	13	1	8	5	9	4	12	17	4	7	11	10	101

(65,296). Wt. 21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

3443

FORM 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Lilburn Tower
in the County of Northumberland
by W Lovett. For A B. Collingwood Esq.

Lat. 55½ Long. 2 W
Time of Observation 9 am
Nearest Railway Station Ilderton
Diameter of Funnel of Rain Gauge 10· in.
Height of top of Gauge above Ground 6 ft. in.
" " " " Sea Level 300· ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	·01	·07					·05		·46		·09		1
2		·19	·02	·02				·08			·01		2
3		·40	·02	·09			·02			·24	·54		3
4		·11	·14	·03	·02		·18						4
5	·02		·14		·09		1·38	·02	·02	·29	·10	·02	5
6	·12		·07				·61			·09	·14		6
7	·04	·02						(·19)				·08	7
8	·04		·03				·27	·84	·09	·05			8
9	·05		·17				·22			·02	·02		9
10										·02	·18		10
11												·02	11
12				·44		·75	·13	·09	·06		·01		12
13	·19			·02		·05	·03	·02	·65	·03		·09	13
14	·84			·76			·09		·26				14
15	·52	·06		·10			·92	·07					15
16	·42	·07	·02		·29			·09					16
17	·09	·33						·02	·16			·26	17
18	·38				·04	·02			·03	·03		·02	18
19		·23	·09			·02				·02		·04	19
20	·05	·02	·02				·01		·14	·18		·95	20
21		·05	·12		·09			·04	·14	·09		·10	21
22	·18	·19	·02		·08	·02				·09		·02	22
23					·04	·07				·03	·06		23
24	·05		·14		·10	·04	·02	·08		·11			24
25	·71	·02	·07	·16		·28	·01			·04	·16	·08	25
26	·07	·06	·07	·29			·06		·44	·17	·01		26
27	·45	·13	·18	·02					·03	·09	·07	·01	27
28	·15	·03	·02				·15	·06	·79	·35		·07	28
29	·10		·16			·04	·09			·34		·74	29
30	·02	X	·07	·10		·03	·02	·01	·22	·28	·06	·49	30
31		X	·13	X		X	·12		X	·10	X		31
TOTAL	3·70	1·98	1·70	2·03	·75	1·32	4·38	1·61	3·49	2.66	1·45	2·99	YEAR'S TOTAL 28·06
Days with ·01 in. or more	21	16	20	11	8	10	19	13	14	21	13	15	180
Days with ·04 in. or more	18	12	13	7	7	6	13	9	11	15	9	10	130

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

3462

5 JAN 1924

FORM 1090

AIR MINISTRY.
METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.
REGISTER OF RAINFALL IN 1923.

Kept at Lilburn Tower

in the County of Northumberland

by W Lovett For A. B. Collingwood Esq

Lat. 55½ Long. 2 W

Time of Observation 9 am

Nearest Railway Station Ilderton

Diameter of Funnel of Rain Gauge 10 in.

Height of top of Gauge above Ground 6 ft. in.

" " " " Sea Level 300 ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.11	.23	.08	.02				.01	.34			.32	1
2	.12	.04	.18	.13				.20			.25	.01	2
3	.02	.02	.33			.18		.04	.05	.38	.24	.04	3
4						.04				.07	.02	.08	4
5	.14		.12			.08		.03		.01	.58	.16	5
6	.14	.28						.17			.29	.01	6
7	.01	.26	.16	.01			.11					.06	7
8	.10	.13	.10					.41		.07	.02	.16	8
9	.01	.23	.07	.43	.47		.05			.04	.13	.01	9
10		.48	.08	.49	.20		.25			.04		.01	10
11		.02	.01	.01	.54						.03		11
12	.10	.13	.02	.19	.01	.11		.08	.05	.06	.66	.09	12
13				.02	.09				.09	.01	.18		13
14		.28			.04								14
15		.34			.19	.20	.09				.46	.05	15
16		.03			.25	.02		.21		.01	.18		16
17		.02				.05	.06		.36		.01		17
18		.13			.04		.11	.06		.10			18
19	.02					.02		.02	.06		.20	.16	19
20					.01			.40	.14	.14	.51		20
21		.18		.07					.05	.01	.19	.45	21
22	.12	.01					.08			.02	.13		22
23		.02		.05	.22			.15	.03	.26	.25		23
24		.15		.12	.09	.15			.38	.08		.11	24
25		.24		.03				.12	.07	.16		1.06	25
26	.01	.62		.02	.41					.30		.07	26
27		.17	.14		.04		.04	.04	.08	.19	.17	.04	27
28		.03	.10	.03			.08	.14		.01	.13	.16	28
29	.69			.21			.14			.05	.04	.29	29
30		×		.01	.01	.01	.28	1.66			.02	.13	30
31		×	.19	×	.01	×	.08	.09	×		×	.05	31
TOTAL	1.59	4.04	1.58	1.84	2.62	.86	1.37	3.83	1.70	2.01	4.69	3.52	YEAR'S TOTAL 29.65
Days with ·01 in. or more	13	23	13	16	16	10	12	17	12	20	22	22	196
Days with ·04 in or more	8	16	11	8	12	7	12	14	11	14	17	18	148

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

3280

FOR OFFICIAL USE.

County No.
River Dist.
Station No.

JAN 1925

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924

Kept at Lilburn Tower
in the County of Northumberland
by W Lovett. For A B Collingwood Esq

Lat. 55 ½ Long. 2 W
Time of Observation 9 am
Nearest Railway Station Ilderton
Diameter of Funnel of Rain Gauge 10 in.
Height of top of Gauge above Ground 6 ft. in.
„ „ „ „ Sea Level 300 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					·01	·71		·17			·17	·01	1 RRR
2	·04				·01			·06			·10	·13	2 GWS
3					·07		·86	·02		·12		·25	3
4					·25		·11	·09		·03		·63	4
5					·14	·03	·16			2,20		·14	5
6					·37				·06	·24			6
7					·40	·22	·08	·09	·60		·02		7
8	·02				·51	·66			·04		·02	·02	8
9	·13	·13			·14	·04			·46	·05			9
10	·06	·06		·01	·09	·01	·37	·03		·02			10
11	·17	·12			·02	·80						·01	11
12	·34	·09				·15			·07		·02		12
13	·12			·14			·01				·02	·02	13
14				·02				·01	·03		·01		14
15		·10		·02		·03			·05			·43	15
16							·72	·04				·02	16
17	·27					·08		·37	·03		·01		17
18	·13	·13			·13	·03	·36			·16	·02		18
19	·03		·04		·11	..	·10		·54	·02			19
20	·03				·05		·45	·03	·28	·03			20
21	·12		·01	·07	·25		·02	·05		·03	·02		21
22	·27		·13					·32	·28		·04	·07	22
23				·04	·02		·01	·21			·02	·06	23
24				·14	·01		·34	·02				·04	24
25				·17	·14		·05		·03	·03	·04	·25	25
26	·07	·16	·02	·35	·02				·06	·55	·23	·10	26
27		·06		·30			·04	·01		·16	·10		27
28	·01	·02		·02			·73	·11	·02	·02	·13	·05	28
29						·06	·15	·01	·02	·17	·02	·36	29
30		×	·03	·01	·12		·19		·21	·13	·01	·09	30
31		×		×	1.50	×	·02		×	·01	×	·01	31 717
TOTAL	1·81	·87	·23	1.29	4·36	2·82	4·77	1·64	2·78	3·97	1·00	2·69	YEAR'S TOTAL 28·23
Days with ·01 in. or more.	15	9	5	12	21	12	19	17	16	17	18	19	180
Days with ·04 in. or more	11	8	2	7	15	8	15	10	11	9	7	13	116

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3318

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Lilburn Tower

in the County of Northumberland

Diameter of Funnel of Gauge 10 in.

Height of top of Gauge above Ground 6 ft. ' in.

„ Ground „ Sea Level 300 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·92		·74					·34			·18		1
2	·18	·01	·10	·20		·01	·05		·02		·03		2
3	·17	·03					·01	·01	·13	·15	·23		3
4					·35						·07		4
5		·03		·27	·16			·03	·02				5
6		·02		·15		·05	·11			·08	·22		6
7				·19	·06				·22	·14	·37	·01	7
8	·01	·29	·06	·02	·09			·44		·04	·62	·09	8
9		·12	·01	·01			·01		2.04			·28	9
10		·25	·05		·03				·01		·34		10
11		·22	·03		·02				·14			·21	11
12	·01	·03		·02				·40	·01				12
13	·06	·14	·01	·10				·01	·06			·02	13
14		·90	·09	·12								·58	14
15		·81							·13	·02			15
16		·32	·06	·06						·17		·01	16
17	·01	·35		·11					·06			·20	17
18		·01		·28					·01	·05	·11	·58	18
19		·17	·24						·55	·09	·10	·80	19
20			·19				·29	·05	·01	·23		·58	20
21		·05	·10					·08	·01	·06		·37	21
22		·05		·09				·51	·91	·22	·04		22
23	·13	·04		·04	·14		·05	·05	·11	·02			23
24		·23	·05		1.20						·12		24
25	·01	·21	·14	·06	·05		·46		·47	·03	·05		25
26	·04	·22		·32	·13		·05	·01	·04	·33	·11	·07	26
27		·40		·01	·18		·20			·03	·05	·02	27
28	·05	·55		·15	·03		·15			·02	·46	·01	28
29	·47			·30	·30		·05			·05	·05	·27	29
30	·02	×		·48	·09	·04	·04				·13	·54	30
31	·03	×	·21	×	·07	×			×	·01	×		31
TOTAL	2,11	5·45	2·08	2·98	2·90	·10	1.47	1.93	4·95	1.74	3.28	4.64	YEAR'S TOTAL 33.63
Days with ·01 in. or more.	14	24	15	20	15	3	12	11	19	18	18	17	186
Days with ·04 in, or more.	8	18	12	16	12	2	10	7	12	12	17	12	1.38

854

(*Signed*) Walter Lovett

[P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3318

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1926.

Kept at Lilburn Tower

in the County of Northumberland

Diameter of Funnel of Gauge 10 in.

Height of top of Gauge above Ground 6 ft. in.

" Ground " Sea Level 300 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.09	.01								.16	.70	.01	1
2	.01	.27									.26	.10	2
3	.27		.09	.01									3
4		.04	.01		.07					.01	.28		4
5	.06	.34	.02		.27		.08	.17		.02	.02	.14	5
6	.10	.46			.02		.98	.57		.05	.01	.01	6
7	.18	.22		.05						.02			7
8	.11	.12				.06			.02	.42			8
9		.08	.14		.13	.39	.12	.03	.08	.30			9
10					.07	.22		.25			.13		10
11		.02				.09		.03		.01	.08		11
12					.26	.38			.22	.45	.02		12
13	.02				.29	.09			.03		.26	.27	13
14	.25	.14		.09		1.18		.17	.44		.03	.02	14
15	.14	.05		.07	.01	.57		.27	.02		.02		15
16	.05	.16		.10	.03	.22		.07		.24			16
17	.07		.10	.02							.14	.01	17
18	.26	.01	.07	.08			.94	.08			.49		18
19		.07	.18	.32	.01	.07	2.08	.05	1.60				19
20					.15			.40	.69		.19		20
21		.21	.11	.01	.09		.05	.04		.34	.02	.05	21
22	.41		.10	.10		.44		.17		.28	.48		22
23	.20				.06	.12	.01	.06	.03		.05	.02	23
24	.04			.04	.07		.22			1.12	.02	.05	24
25	.23			.75					.07	.45	.19	.01	25
26		.20		.08	.38	.08			.32		.09		26
27	.09	.09	.01	.10		.27	.22			.01	.08	.01	27
28	.26		.02	.09	.19		.31			.20	.14		28
29	.23	×	01	.02	.02					.35	.09		29
30		×		.01	.08	1.27		.23	.08	.03	.04		30
31	.22	×	.01	×	.02	×			×		×		31
TOTAL	3.29	2.49	.87	1.94	2.22	5.45	5.01	2.59	3.60	4.46	3.83	.70	YEAR'S TOTAL 36.45
Days with ·01 in. or more.	21	17	13	17	19	15	10	15	12	18	24	12	193
Days with ·04 in. or more.	19	14	7	12	13	15	9	13	8	12	17	5	144

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) W Lovett For A. B. Collingwood Esq

P.T.O.

3302

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1927.

Kept at Lilburn Tower
in the County of Northumberland
Diameter of Funnel of Gauge 10 in.
Height of top of Gauge above Ground 6 ft. in.
,, Ground ,, Sea Level 300 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·01	—	—	·24	·01	—	—	·14	·16	—	1
2	·01	·05	·34	·22	—	—	—	—	—	·06	·13	—	2
3	·02	·01	·04	—	·04	—	·06	—	—	—	·01	—	3
4	·05	—	·12	·19	·76	08	·16	—	—	—		—	4
5	·02	·08	·34	—	—	·36	·62	—	—	—	·04	—	5
6	—	·01	—	—	—	·03	—	·37	·06	—	·09	·01	6
7	·02	·10	·13	·19	—	—	·75	·08	—	—	·66	·03	7
8	·20	—	·19	—	—	·06	—	1·85	·02	·01	·18	—	8
9	—	—	·14	—	—	—	·04	·09	·12	—	·22	·02	9
10	—	—	·24	·07	—	—	—	·05	·02	·02	·09	·03	10
11	—	—	·08	—	—	·07	—	—	·07	—	·22	·05	11
12	·16	—	·04	·01	—	—	—	—	—	—	·02	·02	12
13	·17		·01	·14	·31	·03	—	·42	—	·27	·04	—	13
14	·02	·01	—	·02	·02	—	—	·05	·06	·16	·03	·44	14
15	—	·01	—	—	—	—	—	—	—	·02	·05	·07	15
16	—	—	—	—	·14	·08	—	—	·02	·07	—	—	16
17	—	—	—	—	—	·10	—	·37	—	—	—	·16	17
18	·09	·01	—	—	—	·07	—	—	—	·01	·01	·06	18
19	—	·01	—	—	—	—	—	—	·07	—	·42	·52	19
20	·07	·01	—	—	—	—	·04	·07	1·02	—	·23	·07	20
21	·01	·03	—	—	—	·07	1·27	·58	1·76	·52	·22	·36	21
22	—	·08	·28	·06	·22	·15	—	·24	1·08	·18	·06	1·12	22
23	·05	—	·14	·01	·08	25	—	·38	—	—	·20	·15	23
24	·03	—	·24	·05	·01	—	·04	·10	·09	·05	—	—	24
25	—	·07	·14	·30	—	·66	—	·04	·05	—	—	·24	25
26	·27	·05	·03	·01	—	·07	·38	—	·52	·29	—	·09	26
27	—	·03	·02	—	—	—	·13	·16	—	·22	—	—	27
28	·40	·20	—	—	—	·01	—	·02	·16	·19	·02	·05	28
29	·08	—	·18	—	—	·02	—	—	—	—	—	—	29
30	·01	×	—	—	—	·03	·02	—	·06	·02	·01	—	30
31	—	×	·06	×	·15	×	—	·06	×	—	×	—	31
TOTAL	1·68	·76	2·77	1·27	1·73	2,38	3.52	4·93	5·18	2·23	3·11	3·49	YEAR'S TOTAL 33.05
Days with ·01 in. or more.	17	16	20	12	9	18	12	17	16	16	22	18	193
Days with ·04 in. or more.	10	7	15	8	7	13	10	16	13	11	16	13	139

40-12-1-27
144w)

(Signed) Walter Lovett

[P.T.O.

3385

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Lilburn Tower Alnwick

in the County of Northumberland

Diameter of Funnel of Gauge 10 in.

Height of top of Gauge above Ground 6 ft. in.

„ Ground „ Sea Level 300 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·35	·03	·14	·01	·01	—	·11	—	·05	—	·28	—	1
2	—	·23	·16	·02	—	—	—	—	—	—	·85	—	2
3	—	·01	—	·09	—	—	·08	—	—	—	·46	—	3
4	·04	·13	·27	·01	—	—	—	—	—	—	—	—	4
5	·17	·02	·34	·01	—	—	—	—	·23	·06	·09	·01	5
6	·14	·05	·07	—	—	·04	·04	·07	—	·14	—	·05	6
7	·07	—	·03	—	—	·15	—	·04	—	·01	·02	—	7
8	—	—	·10	—	—	·40	—	·03	·04	—	·05	—	8
9	·14	·04	·08	—	—	·42	—	—	·03	·23	·01	—	9
10	·23	·32	·12	·16	—	—	—	·04	·09	—	·02	·01	10
11	·02	·12	·30	—	·01	·02	—	·57	—	·44	·12	·29	11
12	—	·05	·28	·03	·04	·02	—	·05	—	—	—	·05	12
13	·04	·13	·04	·10	·09	1·57	—	·13	—	·01	—	·03	13
14	·10	·01	·12	·01	—	·13	—	—	·02	·06	·18	·08	14
15	·05	·07	·02	·02	·26	·40	—	·22	—	·02	·01	·19	15
16	·10	·28	·04	·10	—	·02	—	—	—	·08	·35	·12	16
17	—	—	·19	·02	·23	·74	—	—	·01	—	—	·02	17
18	·93	—	·05	·13	·20	·25	—	—	—	·29	·02	·07	18
19	—	—	·07	·21	·26	·40	—	·29	·02	·32	·02	—	19
20	·04	—	·04	·01	—	—	—	1·27	—	·23	·17	—	20
21	·09	—	—	·22	—	·02	—	·28	·01	·04	·18	—	21
22	—	—	·02	·02	·02	·05	—	—	·01	—	·09	·03	22
23	·09	—	·06	—	—	—	—	·13	·01	·08	·60	·01	23
24	·09	—	·04	—	—	—	—	—	·29	·28	—	·04	24
25	·15	—	—	—	—	·35	—	·06	·12	·01	·03	·20	25
26	·02	—	·02	—	·14	·49	·44	·64	—	·21	—	—	26
27	—	—	·07	—	—	—	·16	·01	·03	·01	—	—	27
28	·14	—	—	—	—	·12	·01	·03	·02	—	—	·20	28
29	·39	·01	·68	—	—	—	·07	·28	·02	·11	—	·27	29
30	—	×	·01	·06	—	—	—	—	—	·08	—	·36	30
31	·55	×	·12	×	·02	×	—	—	×	·27	×	·02	31
TOTAL	3·94	1·50	3·48	1,23	1,28	5·59	·91	414	1·00	2·98	355	2·05	YEAR'S TOTAL 31·65
Days with ·01 in. or more.	22	15	27	18	11	18	7	17	16	21	19	19	210
Days with ·04 in. or more.	20	10	22	8	7	14	6	14	6	16	12	12	147

40-9999 For E. F. Collingwood Esq. (Owner) (Signed) W. Lovett [P.T.O.

FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3468.

*** The following register of monthly totals &c., is required if daily or weekly values are not given on the other side.

RAINFALL IN 1929

At Lilburn Tower

In the County of Northumberland

Rain Gauge
- Diameter of Funnel 10. in.
- *Height of Top above Ground* 6 *ft* . *in.*
- *Height of Ground above Sea Level* 300 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.		
JAN.	1·93	·32	15th	21	16
FEB.	1·84	·44	24th	15	12
MAR.	·15	·08	31st	3	·2
APRIL	1·08	24	27th	12	·7
MAY	·91	35	6th	10	7
JUNE	1·61	48	6th	13	10
JULY	4·17	1·42	4th	12	10
AUG.	4·03	1·16	4th	17	13
SEPT.	·35	·19	28th	·7	·2
OCT.	2·57	·62	6th	17	15
NOV.	3·37	·66	17th	20	15
DEC.	4·48	·62	24th	23	20
Total	~~22·39~~ 26·39			170	129

Signature W Lowe

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

[redacted]

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

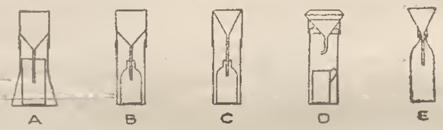
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Year ✓ low

accept floods as 24/5

✓ owing to bad figure

M.O. 7
10 FEB 1930

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

London: Published by His Majesty's Stationery Office. To be purchased directly from H.M. Stationery Office at the following addresses: Adastral House, Kingsway, London, W.C.2; 120, George Street, Edinburgh; York Street, Manchester; 1, St. Andrew's Crescent, Cardiff; 15, Donegall Square West, Belfast; or through any Bookseller. Price 1d. net.

Printed under the authority of His Majesty's Stationery Office by JOHN CORAH & SON, LTD., Loughborough and London.

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3539

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Lilburn Tower

in the County of Northumberland

Diameter of Funnel of Gauge 10 in.

Height of top of Gauge above Ground 6 ft – in.

,, Ground ,, Sea Level 300 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·07	·66	–	·29	–	·01	·01	·63	–	·02	·27	–	1
2	·04	·17	–	·13	–	–	–	·24	–	–	1.18	–	2
3	·01	·16	–	–	·03	–	–	·10	–	·13	·29	–	3
4	·06	·19	–	·05	·02	–	·26	·32	–	–	–	–	4
5	·03	·29	·09	·11	·02	–	–	·05	–	–	–	–	5
6	–	·05	·23	·19	·05	–	–	–	·16	·18	–	·19	6
7	·06	·05	–	–	·21	–	–	·05	·33	·30	·10	·28	7
8	·19	–	–	·10	·23	–	–	·07	–	·62	–	·05	8
9	·05	–	·10	·16	·30	·05	–	·03	·13	–	–	–	9
10	·23	–	·04	·02	·04	–	·19	–	·10	–	–	·03	10
11	·09	–	–	–	–	–	–	·02	·13	·07	–	·55	11
12	·22	–	·04	–	·05	–	–	·35	·08	·01	–	·19	12
13	·20	–	·03	·12	·11	–	·27	·06	·43	–	–	–	13
14	·21	·04	·09	·03	–	–	·39	–	·04	·05	·26	·31	14
15	–	·03	·54	–	–	–	–	–	–	·31	·12	–	15
16	·01	–	·76	–	–	·01	·41	–	·03	·05	–	·14	16
17	·03	–	·14	·09	·06	·17	1.18	·03	·63	·07	–	–	17
18	·01	–	·32	·08	–	–	–	·05	–	·02	·26	–	18
19	–	–	·24	·06	–	·05	·10	·32	·43	·10	·06	–	19
20	–	–	·06	·15	–	–	·26	·51	–	·01	·36	–	20
21	·03	–	–	·02	–	·32	·49	·09	·04	–	·36	·01	21
22	·06	·06	–	–	–	–	1.79	·01	·03	·02	·35	–	22
23	–	–	–	·28	·19	·05	·40	·10	–	·01	–	–	23
24	–	·09	–	·05	–	·02	–	·03	–	–	·28	·13	24
25	–	·08	–	–	–	·02	–	–	·07	–	·13	·26	25
26	·33	·07	–	·04	–	–	–	·05	·30	–	–	·34	26
27	·22	–	–	·09	–	·04	–	–	·07	·01	–	·36	27
28	–	–	·03	–	–	·03	·30	–	·03	–	–	·40	28
29	–	–	·09	–	–	–	·32	·28	·17	·04	·06	–	29
30	–	×	–	–	–	·13	·02	·63	·08	–	–	·20	30
31	·41	×	·01	×	–	×	–	·01	×	·09	×	·10	31
TOTAL	2,56	1.94	2,81	2,06	1.31	·90	6.39	4.03	3.28	2.11	4.08	3.54	YEAR'S TOTAL 35,01
*Days with ·01 in. or more.	21	13	16	19	12	12	15	23	19	19	14	16	199
*Days with ·04 in. or more.	15	12	13	16	9	7	13	17	16	12	14	14	158

40-9999

(Signed) Walter Lovett [P.T.O.

*See Instruction 2 (*f*) on other side.

3338

FORM A. 1. METEOROLOGI

RGANIZATION.

REGI

21

IIDERTON

LILBURN TOWER GRDNS

NORTHUMBERLAND

1921 - 1930

COPY by B.R.O.

Kept at Lilburn Tower

in the County of Northu

by W. Lovett

g

Rain Gauge in.

above Ground ft. in.

,, Sea Level ft.

IMPORTANT NOTE.—R t entered to the previous day.

If an Observer prefers not to equested to add the reading at 9 a.m. on 1st J it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·07	·01					·42	·21				1
2	·01				·19			·06		·02			2
3	·20		·03		·07		·03	·22		·26	·05		3
4	·16	·02	·27		·06					·06	·02	·18	4
5	·06	·02	·18		·39			·25			·49		5
6	·04		·07		·08		·10	·05					6
7		·02									·07		7
8	·04					·19					·21		8
9	·14				·03			·14	·07				9
10	·77					·02		·26	·05	·10			10
11	·05	·01			·05			·15					11
12	·61				·02			·18	·02				12
13	·01		·29	·11				·03	1·03	·03			13
14			·05	·02	·04		·07	·03				·08	14
15			·35	·09			·22	·06					15
16	·36		·04	·05				·30			·18		16
17			·04					·02			·04		17
18	·36			·11	·05		·07				·54	·14	18
19			·04		·02					·09	·11	·06	19
20						·14		·68			·10	·20	20
21	·07		·02			·07	·03	1·11		·90	·06		21
22				·03		·11	·07			·92	·07	·08	22
23	·45						·08		·02				23
24	·66	·03	·01	·23			·37			·03		·02	24
25	·06		·04				·31						25
26			·07		·03			·17				·21	26
27			·02				·34	·32				·12	27
28	·01		·05		·15		·78	·05	·02		·11	·09	28
29	·08		·08		·06		·06	·57				·02	29
30					·26		·03		·02			·42	30
31	·64				·04		·09			·28			31
TOTAL	4·79	·17	1·66	·64	1·54	·53	2·65	5·07	1·44	2·69	2·05	1·62	YEAR'S TOTAL 24·85
Days with ·01 in. or more	21	6	18	7	16	5	15	20	8	10	13	12	151
Days with ·04 in. or more	17	1	13	5	12	4	12	17	4	7	12	10	114

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3388

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921.

COPY by B.R.O.

Kept at Lilburn Tower Gardens Ilderton
in the County of Northumberland
by W. Lovett

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·07	·01					·42	·21				1
2	·01				·19			·06		·02			2
3	·20		·03		·07		·03	·22		·26	·05		3
4	·16	·02	·27		·06					·06	·02	·18	4
5	·06	·02	·18		·39			·25			·49		5
6	·04		·07		·08		·10	·05					6
7		·02									·07		7
8	·04					·19					·21		8
9	·14				·03			·14	·07				9
10	·77					·02		·26	·05	·10			10
11	·05	·01			·05			·15					11
12	·61				·02			·18	·02				12
13	·01		·29	·11				·03	1·03	·03			13
14			·05	·02	·04		·07	·03				·08	14
15			·35	·09			·22	·06					15
16	·36		·04	·05				·30			·18		16
17			·04					·02			·04		17
18	·36			·11	·05		·07				·54	·14	18
19			·04		·02					·09	·11	·06	19
20						·14		·68			·10	·20	20
21	·07		·02			·07	·03	1·11		·90	·06		21
22				·03		·11	·07			·92	·07	·08	22
23	·45						·08		·02				23
24	·66	·03	·01	·23			·37			·03		·02	24
25	·06		·04				·31						25
26			·07		·03			·17				·21	26
27			·02				·34	·32				·12	27
28	·01		·05		·15		·78	·05	·02		·11	·09	28
29	·08		·08		·06		·06	·57				·02	29
30					·26		·03		·02			·42	30
31	·64				·04		·09			·28			31
TOTAL	4·79	·17	1·66	·64	1·54	·53	2·65	5·07	1·44	2·69	2·05	1·62	YEAR'S TOTAL 24·85
Days with ·01 in. or more	21	6	18	7	16	5	15	20	8	10	13	12	151
Days with ·04 in. or more	17	1	13	5	12	4	12	17	4	7	12	10	114

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

352 3444

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

JAN 1923

Kept at Ilderton, Lilburn Tower Gardens

in the County of Northumberland

by W. Lovett

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

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Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	·08					·05		·48		·13		1
2		·21	·03	·02				·09	·01		·01		2
3		·42	·03	·09			·02	·01		·25	·56		3
4		·12	·16	·03	·02		·19						4
5	·03		·20		·09		1·45		·03	·30	·11	·03	5
6	·15		·10				·67			·10	·15		6
7	·05	·03						·23				·10	7
8	·06		·03				·29	·87	·10	·06			8
9	·06		·17				·24			·03	·02		9
10										·03	·19		10
11			·01									·02	11
12				·44		·83	·14	·10	·07	·01	·01		12
13	·19			·02		·05	·03	·03	·67	·04		·10	13
14	·04			·81			·10		·28				14
15	·52	·07		·10			·94	·08					15
16	·42	·08	·03		·29		·01	·10					16
17	·09	·37						·02	·18			·27	17
18	·38				·07	·03			·04	·03		·03	18
19		·27	·10			·02				·03		·04	19
20	·05	·03	·03				·01		·16	·19		·97	20
21		·07	·14		·12			·04	·15	·09		·15	21
22	·18	·21	·03		·08	·02				·10		·03	22
23					·04	·08				·03	·07		23
24	·06		·14		·11	·04	·02	·09		·13			24
25	·78	·03	·07	·17		·29	·01			·04	·17	·10	25
26	·11	·11	·07	·29			·08		·46	·18	·01		26
27	·53	·17	·18	·02					·04	·10	·08	·02	27
28	·17	·05	·03				·16	·08	·80	·37		·09	28
29	·12	X	·16			·04	·11			·35		·75	29
30	·03	X	·08	·11		·03	·02	·02	·23	·29	·06	·50	30
31		X	·13	X		X	·14		X	·13	X		31
TOTAL	4·04	2·32	1·92	2·10	·82	1·43	4·68	1·76	3·70	2·88	1·57	3·20	YEAR'S TOTAL 30·42
Days with ·01 in. or more	21	16	21	11	8	10	20	13	15	22	13	15	185
Days with ·04 in. or more	18	13	13	7	7	6	13	9	13	~~17~~ 16	9	10	134

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

271 Ex 27 3463

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Lilburn Tower Gardens
in the County of Northumberland
by W Lovett

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	·15	·25	·10	·03	-			·02	·36			·32	1
2	·19	·07	·21	·15				·27			·30	·02	2
3	·03	·02	·36			·18		·05	·07	·39	·25	·04	3
4						·05				·09	·03	·09	4
5	·16		·14			·10		·04		·01	·60	·18	5
6	·16	·35						·19			·30	·02	6
7	·02	·34	·18	·02			·12					·08	7
8	·18	·15	·12					·43		·09	·03	·18	8
9	·03	·26	·08	·47	·49		·06			·06	·14	·01	9
10		·53	·10	·53	·22		·27			·05		·01	10
11		·05	·02	·02	·55						·04		11
12		·15	·03	·22	·03	·16		·08	·05	·07	·70	·10	12
13	·14			·03	·09				·10	·01	·20		13
14		·35			·05								14
15		·37			·19	·22	·11				·51	·06	15
16		·05			·25	·03		·22		·01	·20		16
17		·03				·07	·07		·42		·02		17
18		·15			·05		·12	·07		·14			18
19	·04					·03		·02	·07		·18	·18	19
20					·02			·41	·15	·18	·54		20
21		·23		·09					·05	·02	·21	·46	21
22	·13	·02					·10			·03	·14		22
23		·03		·06	·24			·17	·04	·29	·27		23
24		·16		·16	·10	·16			·40	·09		·12	24
25		·26		·05				·13	·08	·19		1·08	25
26	·01	·73		·02	·42					·35		·07	26
27		·20	·16		·05		·05	·05	·12	·23	·18	·04	27
28		·05	·12	·04			·09	·17		·02	·14	·16	28
29	·73	X		·24			·18	1·77		·07	·04	·30	29
30		X		·02	·03	·01	·31	[illegible]			·03	·14	30
31		X	·23	X	·02	X	·02	·11	X		X	·05	31
TOTAL	1·97	4·80	1·85	2·15	2·80	1·01	1·50	4·20	1·91	2·39	5·05	3·71	YEAR'S TOTAL 33·34
Days with ·01 in. or more	13	23	13	16	16	10	12	17	12	20	22	22	196
Days with ·04 in. or more	9	19	11	10	12	7	11	15	12	14	18	18	156

(*237) Wt. 15491—7987. 8,000. 9/22. T. S. 128.

297 3281

FORM 1090

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Silburn Tower Gardens

in the County of Northumberland

by W. Lovett

Lat.______ Long.______

Time of Observation______

Nearest Railway Station______

Diameter of Funnel of Rain Gauge______in.

Height of top of Gauge above Ground______ft.______in.

" " " " Sea Level______ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					·02	·73		·19			·20	·01	1
2	·04				·01			·07			·11	·15	2
3					·08		·90	·03		·13		·27	3
4					·28		·11	·11		·04		·66	4
5					·16	·04	·18			2·26		·15	5
6					·39				·07	·27			6
7					·41	·23	·09	·10	·64		·03		7
8	·02				·53	·66			·06		·04	·04	8
9	·14	·15			·15	·04			·47	·08			9
10	·06	·08		·03	·11	·02	·38	·04		·03			10
11	·18	·13			·03	·81						·02	11
12	·36	·10			·01	·14			·10		·03		12
13	·14			·18			·01				·03	·04	13
14				·03				·01	·04		·02		14
15		·10		·03		·04			·07			·46	15
16							·74	·06				·03	16
17	·28					·08		·38	·05		·02		17
18	·14	·14			·17	·04	·48			·19	·02		18
19	·03		·05		·12		·14		·57	·04			19
20	·03				·06		·48	·04	·34	·04			20
21	·14		·02	·08	·28		·03	·06		·04	·04		21
22	·28		·15					·33	·30		·06	·13	22
23				·06	·02		·02	·22			·04	·07	23
24				·16	·02		·36	·03				·05	24
25				·20	·15		·06		·05	·05	·06	·27	25
26	·07	·17	·03	·38	·03				·10	·57	·26	·11	26
27				·32			·06	·02		·16	·12		27
28	·01	·02		·02			·84	·14	·04	·03	·14	·07	28
29						·07	·16	·02	·03	·18	·04	·48	29
30		X	·04		·14		·21		·21	·15	·01	·11	30
31		X		X	1·51	X			X	·01	X	·01	789 31
TOTAL	1·92	·89	·29	1·49	4·68 ~~[illegible]~~	2·90	5·25	1·85	3·14	4·27	1·27	3·13	YEAR'S TOTAL 31·08 ~~31·18~~
Days with ·01 in. or more	15	8	5	11	22	12	18	17	16	17	18	19	178
Days with ·04 in or more	11	7	3	7	15	11	15	12	15	14	11	15	136

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

294 Cor for arith. 3319

FORM 1090

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1925.

Kept at Lilburn Tower Gardens
in the County of Northumberland
by W. Lovett

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·92		·74					·35			·21		1
2	·18	·01	·10	·22		·02	·06		·04		·04		2
3	·17	·03					·01	·03	·15	·17	·24		3
4					·36						·09		4
5		·04		·35	·16			·04	·03				5
6		·02		·17		·06	·13			·08	·24		6
7				·20	·06				·23	·15	·37	·01	7
8	·01	·33	·06	·03	·09			·49		·05	·63	·10	8
9		·13	·01	·02			·02		2·07			·29	9
10		·29	·05		·03				·01		·36		10
11		·24	·03		·03			·43	·15			·22	11
12	·01	·04		·03					·01				12
13	·06	·15	·01	·11				·02	·07			·02	13
14		1·02	·09	·12								·60	14
15		·99							·15	·03			15
16		·33	·06	·07						·18		·01	16
17	·01	·38		·13					·07			·22	17
18		·02		·32					·02	·06	·13	·59	18
19		·17	·24						·57	·13	·11	·83	19
20			·19				·31	·06	·02	·25		·59	20
21		·06	·10					·10	·02	·08		·37	21
22		·06		·15				·52	·94	·25	·05		22
23	·13	·05		·05	·16		·07	·06	·12	·03			23
24		·27	·05		1·21						·12		24
25	·01	·23	·14	·07	·06		·48		·50	·05	·06		25
26	·04	·24		·32	·16		·06	·02	·05	·38	·12	·07	26
27		·40		·01	·20		·21			·04	·06	·02	27
28	·05	·55		·16	·05		·16			·03	·46	·02	28
29	·47	X		·33	·36		·06			·07	·06	·29	29
30	·02	X		·48	·10	·05	·05				·14	·57	918 30
31	·03	X	·21	X	·07	X			X	·02	X		31
TOTAL	2·11	6·05	2·08	~~3·37~~ 3·34	3·10	·13	1·62	2·12	5·22	2·05	3·49	4·82	36·13 YEAR'S TOTAL ~~36·16~~
Days with ·01 in. or more	14	24	15	20	15	3	12	11	19	18	18	17	186
Days with ·04 in. or more	8	~~19~~ 20	12	16	13	2	10	8	13	14	18	12	146

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

3319

Form 1093.

AIR MINISTRY.
METEOROLOGICAL OFFICE.
BRITISH RAINFALL ORGANIZATION.
KINGSWAY, LONDON, W.C.2,
or
METEOROLOGICAL OFFICE,
10, ROTHESAY PLACE, EDINBURGH.

RAINFALL IN 1925.

NOTE.—Records taken in millimetres should be entered on Form 1094

At Lilburn Tower Gardens

In the County of Northumberland

Rain Gauge Diameter of Funnel 5 in.

Height of Top *Above Ground* 1 ft. in.

Height of Top *Above Sea Level* 250 ft.

PLEASE FILL IN.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.		
JAN.	2·33	·94	1st	14	9
FEB.	6·04	1·02	14th	24	20
MAR.	2·21	·74	1st	15	12
APR.	3·34	·48	30th	20	16
MAY	3·19	1·21	24th	15	13
JUNE	·13	·06	6th	3	2
JULY	1·62	·48	25th	12	10
AUG.	2·12	·52	22nd	11	8
SEPT.	5·22	2·07	9th	19	13
OCT.	2·05	·38	26th	18	14
NOV.	3·49	·63	8th	18	18
DEC.	4·82	·83	19th	17	12
Total	36,56 ✓		✓	186	147

Signature Walter Lovett

Titles

[*Please fill in the other side also.*]

P. R. B

Photograph other side only, please.

ENLRogers.

11/2/55.

✓✓✓ bih.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3319

Form 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1926.

Kept at Lilburn Tower Gds.
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
„ Ground „ Sea Level about 250 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	YEAR'S TOTAL	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·11	·01			·08					·16	·72	·01		1
2	·01	·27			·28						·28	·11		2
3	·29		·10	·01										3
4		·05	·02							·01	·35			4
5	·08	·35	·04				·08	·18		·03	·03	·15		5
6	·12	·48			·03		·98	·59		·06	·01	·01		6
7	·18	·24		·06						·03				7
8	·13	·13				·06			·03	·46				8
9		·09	·16		·14	·42	·12	·04	·09	·33				9
10					·10	·24		·27			·16			10
11		·02				·12		·04		·01	·10			11
12					·26	·41			·22	·55	·03			12
13	·02				·32	·10			·03		·30	·27		13
14	·25	·15		·11		1·20		·18	·46		·04	·02		14
15	·14	·06		·09	·01	·59		·28	·03		·03			15
16	·05	·17		·12	·04	·24		·07		·24				16
17	·07		·10	·03							·14	·02		17
18	·26	·02	·08	·10			·96	·09			·58			18
19		·08	·18	·32	·01	·08	2·26	·05	1·69					19
20					·16			·41	·71		·19			20
21		·22	·11	·02	·10		·06	·04	·	·40	·02	·05		21
22	·42		·10	·10		·46		·17		·27	·46			22
23	·22				·07	·13	·02	·07	·04		·05	·03		23
24	·04			·05	·07		·22			1·14	·04	·05		24
25	·23			·77					·08	·46	·21	·01		25
26		·22		·08	·40	·08			·32		·09			26
27	·11	·11	·02	·10		·29	·23			·01	·08	·02		27
28	·29		·02	·09	·20		·32			·21	·14			28
29	·25	×	·03	·02	·03					·36	·10			29
30		×		·02	·10	1·31		·23	·10	·03	·05			30
31	·24	×	·02	×	·03	×			×		×			31
TOTAL	3·51	2·67	·98	2·09	2·43	5·73	6,25	2·71	3,80	4·76	4·20	·75	38·88	
Days with ·01 in. or more.	21	17	13	17	19	15	10	15	12	18	24	12	193	
Days with ·04 in. or more.	19	14	8	12	14	15	9	15	9	12	19	5	151	

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) Walter Lovett.

[P.T.O.

274

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

Kept at Silburn Tower Gardens
in the County of Northumberland
Diameter of Funnel of Gauge..........in.
Height of top of Gauge above Ground..........ft..........in.
" Ground " Sea Level..........ft.

100
150
390

Revised values for Feb sent by observer see file 741483/27

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			.02			.25	.02			.17	.20		1
2	.02	.05	.36	.22						.08	.16		2
3	.02	.01	.05		.05		.08				.01		3
4	.05		.13	.19	.80	.09	.17						4
5	.02	.08	.37			.38	.63				.05		5
6		.01				.05		.38	.07		.10	.01	6
7	.02	.10	.14	.20			.76	.09			.68	.04	7
8	.22		.19			.08		1.93	.03	.02	.19		8
9			.15				.05	.09	.13		.24	.03	9
10			.25	.09				.05	.02	.03	.10	.04	10
11			.09			.08			.07		.24	.07	11
12	.18		.05	.02							.03	.03	12
13	.18		.01	.15	.34	.04		.44		.29	.04		13
14	.02	.01		.03	.03			.05	.07	.16	.04	.45	14
15		.01								.03	.07	.08	15
16					.15	.09			.03	.08			16
17						.11		.38				.17	17
18	.09	.01				.08				.01	.02	.07	18
19		.02							.08		.44	.52	19
20	.07	.01					.05	.08	1.05		.24	.07	20
21	.01	.04				.08	1.47	.58	1.79	.55	.24	.33	21
22		.08	.30	.07	.24	.16		.26	1.12	.20	.08	1.17	22
23	.06		.17	.02	.09	.26		.40			.25	.17	23
24	.05		.25	.05	.02		.05	.12	.10	.05			24
25		.08	.15	.31		.68		.05	.06			.25	25
26	.28	.06	.04	.01		.09	.42		.54	.34		.10	26
27		.04	.03				.14	.18		.23			27
28	.42	.25				.02		.03	.20	.21	.02	.07	28
29	.08	X	.19			.03							29
30	.01	X	.07			.04	.03		.08	.03	.01		30
31		X		X	.17	X		.08	X		X		31
TOTAL	1.80	~~.76~~ 0.86	3.01	1.36	1.89	2.61	3.87	5.19	5.44	2.48	3.45	3.67	YEAR'S TOTAL 35.~~5~~63
Days with ·01 in. or more.	18	16	20	12	9	18	12	17	16	16	22	18	194
Days with ·04 in. or more.	11	~~7~~ 9	17	8	7	16	10	16	13	11	17	15	~~148~~ 150

Please read the Notes and Instructions Overleaf.

(Signed) W. Lovett [P.T.O.

(144ws)

3303

FORM 1090.

B Monthly Summary.

, *The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 1927

At Lilburn Tower Gardens

In the County of Northumberland

Rain Gauge.
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. in.
Height of Ground above Sea Level 250 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				0'1 in. or more	'04 in. or more
	Inches.	Inches.	Date.		
JAN.	1.80	.42	28th	18	11
FEB.	.85 6	.25	28th	16	9
MAR.	3.01	.37	5th	20	17
APR.	1.36	.31	25th	12	8
MAY	1.89	.80	4th	9	7
JUNE	2.61	.68	25th	18	16
JULY	3.87	1.47	21st	12	10
AUG.	5.19	1.93	8th	17	16
SEPT.	5.44	1.79	21st	16	13
OCT.	2.48	.55	21st	16	11
NOV.	3.45	.68	7th	22	17
DEC.	3.67	1.17	22nd	18	15
Total	35,6~~2~~3			194	150

P.R.B. [illegible] 12/2/27

Signature Walter Lovett

Observer corrected Feb total. See file 74483/27.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Walter Lovett
Lilburn Tower Gds Alnwick

Hour of observation by the clock—in Winter 9 am in Summer 10 am

Nearest Railway Station Ilderton Distance 1 Direction from gauge W

Nearest Parish Church at Ilderton Distance 2½ Direction from gauge N.N.W.

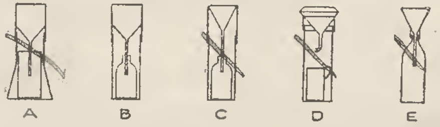
Nature of objects nearest to gauge				
Heights of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in ***British Rainfall,*** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (*a*) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (*b*) What note was made of the times of beginning and end of this fall?
- (*c*) When was the measurement made?

100 150

506 sent re discrepancies to Feb. total and Aug. greatest BM 19/1/28

D INSTRUCTIONS.

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, *i.e.*, the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "total number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace."*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(140ws) (335403) Wt. 9586/14345/631 Gp. 127 13000 9-26 W & S Ltd.

279 ✓ ✓ ✓ CR

3386

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

Form 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1928.

Kept at Lilburn Tower Gardens

in the County of Northumberland

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

" Ground " Sea Level..........ft.

100 150

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·37	·05	·16	·02	·03		·13		·06		·27		1
2		·25	·17	·03							·84		2
3		·01		·10			·10				·45		3
4	·05	·15	·28	·02									4
5	·21	·03	·34	·02			·01		·24	·07	·11	·02	5
6	·17	·07	·07			·05	·06	·09				·06	6
7	·08	·01	·04			·16		·06		·15	·03		7
8			·11			·45		·04	·05	·01	·06		8
9	·17	·06	·09			·45			·05	·25	·03		9
10	·28	·36	·13	·17				·05	·10		·03	·01	10
11	·03	·14	·31		·01	·03		·58		·45	·13	·32	11
12	·01	·07	·29	·04	·05	·02		·06				·06	12
13	·05	·14	·04	·11	·09	1·65		·14		·02	·01	·04	13
14	·12	·02	·13	·02		·14			·02	·06	·20	·09	14
15	·07	·11	·02	·03	·27	·41		·24		·03	·02	·21	15
16	·11	·34	·06	·11		·03			·01	·09	·36	·14	16
17		·01	·20	·03	·25	·78			·02			·04	17
18	1·01		·06	·14	·22	·26				·34	·03	·08	18
19	·01		·09	·23	·28	·42		·35	·03	·34	·03		19
20	·05		·06	·02				1·32		·24	·18		20
21	·13			·24		·03		·30	·02	·05	·21		21
22			·03	·03		·06		·01	·02		·10	·04	22
23	·12		·08		·03			·14	·02	·11	·64	·02	23
24	·11		·05						·30	·32		·05	24
25	·17					·36		·07	·12	·02	·04	·22	25
26	·03		·03		·16	·51	·49	·68		·26			26
27			·08				·18	·02	·04	·02			27
28	·16					·13	·03	·04	·02			·21	28
29	·41	·02	·75				·08	·27	·03	·14		·29	29
30		X	·01	·07						·11		·37	30
31	·59	X	·13	X	·03	X		·01	X	·29	X	·02	31
TOTAL	4·51	1·84	3·81	1·43	1·42	5·94	1·08	4·47 ~~4·41~~	1·15	3·37	3·77	2·29	YEAR'S TOTAL 35·08 ~~35·02~~
Days with ·01 in. or more.	24	17	27	18	11	18	8	19	17	21	20	19	219
Days with ·04 in. or more.	20	11	23	9	7	14	6	16	8	16	13	15	158

40-12-1-27
144w)

M

(Signed) W. Lovett

[P.T.O.

Section **A** for the entry of Daily Observations.

corrected by cards

FOR OFFICIAL USE.

3469

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Lilburn Tower Gdi

in the County of Northumberland

Diameter of Funnel of Gauge 5. in.

Height of top of Gauge above Ground 1 ft. – in.

„ Ground „ Sea Level 250 ft.

100
150
400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·15	·14	–	·05	–	·08	·67	·06	–	·22	·03	·06	1
2	·04	·13	–	·01	–	–	–	·30	–	·06	·01	·22	2
3	–	–	·05	–	·14	·14	·10	–	·02	·02	–	·12	3
4	·09	–	·04	·23	·13	–	1·47	1·18	·02	·07	·06	·10	4
5	·07	–		–	·03	·06	·16	·03	·03	·18	–	·16	5
6	·08	–		–	·36	·50	·18	·87		·65	–	·48	6
7	–	–		·03	–	·06	–	·04		·45	·08	·02	7
8	·02	·01		–	·09	·11	·03	·05		·29	·13	·58	8
9	·31	–		–	–	·03	–	–		–	·60	–	9
10	·01	·12		–	·02	–	–	·32		–	·01	·20	10
11	–	–		–	·01	–	–	–		–	·22	·36	11
12	·02	·05		–	·08	·35	–	–		–	–	·01	12
13	·06	–		·01	·09	–	–	·39		–	–	–	13
14	·07	·04		–	–	–	–	–		–	–	–	14
15	·32	·11		–	–	·09	–	–		–	–	–	15
16	–	·01		–	–	–	–	·14		·06	·45	–	16
17	–	·02		–	–	–	–	·24		–	·68	·10	17
18	–	–		–	–	–	–	–		–	·34	·04	18
19	·02	–		·15	–	–	–	–		·04	·08	·12	19
20	–	–		–	–	–	–	·01	·03	·05	–	–	20
21	–	·20		–	–	·05	·28	·09		–	·02	·04	21
22	–	·23		·02	–	–	·31	·04		–	·12	·10	22
23	·08	·24		·05	–	·19	–	–		·14	·02	·32	23
24	·09	·46		T	·09	·02	–	–		–	–	·64	24
25	·14	·14		–	–	–	–	–		–	·27	·26	25
26	·05	·06		·12	–	–	–	–		·04	–	·06	26
27	·05	–		·27	–	–	·03	·20		·14	·09	–	27
28	·16	–		·24	–	T	·21	·15	·23	·09	·10	·56	28
29	·20	×		·01	–	–	–	·09	·03	·21	·09	·03	29
30	·02	×			–	·02	·23		·10	·07	·35	–	30
31	·03	×	·10	×		×	·77	·02	×	–	×	·06	31
TOTAL	2·08	1·96	·19	1·19	1·04	1·70	4·44	4·22	·46	2·78	3·75	4·64	YEAR'S TOTAL 28·45
Days with ·01 in. or more.	22	15	3	12	10	13	12	18	2	17	20	23	172
Days with ·04 in. or more.	~~15~~16	~~X~~2	~~2~~3	7	7	10	10	15	2	16	15	20	13X3

40-9999

M

(Signed) Walter Lovett

[P.T.O.

335

3540

Section **A** for the entry of Daily Observations. √√√

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Ilderton, Lilburn Tower Gardens

in the County of Northumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

100

150

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·08	·68		·33		·01	·03	·65		·02	·27		1
2	·04	·18		·17				·25			1·19		2
3	·01	·17			·03			·10		·13	·30		3
4	·06	·20		·05	·02		·27	·32					4
5	·03	·31	·11	·11	·02			·07					5
6		·05	·25	·20	·05				·17	·19		·20	6
7	·06	·05			·22			·05	·35	·32	·14	·30	7
8	·21			·11	·24			·07		·64		·05	8
9	·05		·10	·18	·31	·05		·03	·14				9
10	·25		·04	·02	·04		·20		·11			·03	10
11	·09							·02	·15	·07		·57	11
12	·23		·04		·05			·37	·09	·01		·20	12
13	·20		·03	·13	·12		·28	·07	·45				13
14	·23	·04	·09	·03			·41		·04	·05	·26	·32	14
15		·03	·56							·33	·12		15
16	·01		·79			·01	·43		·03	·05		·16	16
17	·03		·15	·09	·08	·18	1·28	·03	·65	·08			17
18	·01		·34	·08				·05		·02	·29		18
19			·25	·06		·05	·10	·34	·45	·11	·06		19
20			·06	·16			·26	·56		·01	·39		20
21	·03			·02		·34	·50	·10	·04		·38	·01	21
22	·06	·07					1·80	·01	·04	·02	·36		22
23				·29	·20	·05	·38	·10	·01	·01			23
24		·09		·05		·02		·03			·33	·14	24
25		·08				·02			·07		·13	·28	25
26	·35	·07		·04				·02	·32			·38	26
27	·24			·09		·04			·07	·01		·37	27
28			·03			·03	·52		·03			·42	28
29		~~×~~	·11				·35	·29	·17	·04	·07		29
30		×				·15	·02	·65	·08			·21	30
31	·43	×	·02	×		×		·01	×	·09	×	·10	31
TOTAL	2·70	2·02	2·97	2·21	1·38	·95	6·83	4·19	3·46	2·20	4·29	3·74	YEAR'S TOTAL 36·94
Days with ·01 in. or more.	21	13	16	19	12	12	15	23	20	19	14	16	200
Days with ·04 in. or more.	15	12	13	16	9	7	13	16	17	12	14	14	158

40-9999

(Signed) W. Lovett

P.T.O.

KIRKNEWTON

SOUTHERNKNOWE

NORTHUMBERLAND

1922 - 1923

FORM 1090 METEOROLOGIC … NIZATION.

Formerly B.R.O. Form … REG…

Southernknowe

Kept at Coldburn K… … a.m.

in the County of Northu… … Kirknewton

by J. Browell … auge 5 in.

… Ground 1½ ft. … in.

… Sea Level … ft.

IMPORTANT NOTE.—Rai… …ed to the previous day. If an Observer prefers not to con… … to add the reading at 9 a.m. on 1st Janu… …e end of this paragraph. Full instructions … selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1						(-)	·05	—	.86	.25	—		1
2						·02	·08	.17	—	—	.59		2
3						·02	·04	—	—	—	—	·09	3
4						-	·59	—	—	.26	—	.25	4
5						-		—	.08	·48	.60	—	5
6						-	2·57	—	—	—	·06	—	6
7						-	·07	1.84	—	—	—	—	7
8						-	·52	—	—	—	—	—	8
9						-	·37	/	.08	—	—	—	9
10						-		/	—	—	—	—	10
11						-		/	—	—	—	—	11
12						·48	·09	.10	—	—	.23	—	12
13						~~·48~~ ·29	·19	.06	.82	—	—	.25	13
14						-	.02	—	.37	—	—	—	14
15							1.60	.04	—	—	—	.45	15
16							.14	.19	—	—	—	.13	16
17							.03	.05	.16	.14	—	—	17
18						·12	·02	—	—	—	—	—	18
19							—	—	—	—	—	.19	19
20							.07	.07	—	.62	—	1.25	20
21						·24	—	.08	.22	—	—	.13	21
22						·12	—	.12	.16	.19	—	—	22
23						·03	—	—	—	.16	—	—	23
24							—	.10	—	—	—	.16	24
25						·29	—	—	—	.07	.29	.28	25
26							.05	—	.39	—	—	—	26
27						·11	—	.04	.68	.50	—	.08	27
28							.07	—	—	.40	—	—	28
29							.46	—	—	.44	.09	1.	29
30		X				·08	·30	—	—	—	—	.30	30
31		X		X		X	·17	—	X	—	X	—	31
TOTAL						1·78	~~6.50~~ (7·50)	2.86	3·79	3.51	1.86	4.56	YEAR'S TOTAL ~~24.86~~
Days with ·01 in. or more						~~2~~	~~3~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~84~~
Days with ·04 in. or more						~~8~~	18	12	10	11	6	13	~~78~~

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

(moved ¼ m.w. [illegible])

Form 1090 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**
Formerly B.R.O. Form 4.

REGISTER OF RAINFALL IN 1922.

Southernknowe
Kept at Coldfarn Kirknewton,
in the County of Northumberland
by J. ~~Browell~~ W. A. R. Cavers

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Kirknewton
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1½ ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1						(—)	·05	—	·86	·25	—		1
2						·02	·08	·17	—	—	·59		2
3						~~·03~~ ·02	·04	—	—	—	—	·09	3
4						—	·59	—	—	·26	—	·25	4
5						—	}	—	·08	·48	·60	—	5
6						—	2·57	—	—	—	·06	—	6
7						—	·07	1·84	—	—	—	—	7
8						—	·52	—	—	—	—	—	8
9						—	·37	—	·08	—	—	—	9
10						—		—	—	—	—	—	10
11						—		—	—	—	—	—	11
12						·48	·09	·10	—	—	·23	—	12
13						·29 ~~·48~~	·19	·06	·82	—	—	·25	13
14						—	·02	—	·37	—	—	—	14
15							1·60	·04	—	—	—	·45	15
16							·14	·19	—	—	—	·13	16
17							·03	·05	·16	·14	—	—	17
18						·12	·02	—	—	—	—	—	18
19							—	—	—	—	—	·19	19
20							·07	·07	—	·62	—	1·25	20
21						·24	—	·08	·22	—	—	·13	21
22						·12	—	·12	·16	·19	—	—	22
23						·03	—	—	—	·16	—	—	23
24							—	·10	—	—	—	·16	24
25						·29	—	—	—	·07	·29	·28	25
26							·05	—	·39	—	—	—	26
27						·11	—	·04	·68	·50	—	·08	27
28							·07	—	—	·40	—	—	28
29							·46	—	—	·44	·09	1·	29
30		X				·08	·30	—	—	—	—	·30	30
31		X		X		X	·17	—	X	—	X	—	31
Total						1·78	~~6·50~~ (7·50)	2·86	3·79	3·51	1·86	4·56	Year's Total ~~24·86~~
Days with ·01 in. or more						~~2~~	~~3~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~84~~
Days with ·04 in. or more						~~8~~	18	12	10	11	6	13	~~78~~

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

(moved ¼ m. W. Aug 14)

1.6 [illegible] 1923

Southernknowe,
Kirknewton,
Wooler.
12th 1923

Dear Sir.

I have your letter of enquiry about the rainfall. I have not the original register to refer to as I sent it in and have not had it returned. I expect I have made a mistake in the addition and 7.50 will be the correct total.

yours faithfully

A. R. Cavers.

Exd. Ntt.

Sect 3A

7 JAN 1924

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Southernknowe
in the County of Northumberland
by A.R. Caverss

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Kirknewton
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 700 ft (approx)

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	–	·23	–	·03	–	·01	–	·03	–	–	·11	·68	1
2	·30	·09	·16	–	–	–	–	·44	–	–	·25	·11	2
3	·08	–	·42	–	–	·10	–	·01	·11	·30	·36	·04	3
4	–	·04	–	–	–	·02	·03	–	·02	·03	·08	·06	4
5	–	–	·06	·05	–	·12	–	·06	–	–	–	·37	5
6	·32	·83	–	–	–	–	–	·34	·05	–	–	–	6
7	·10	·95	·25	–	–	·02	–	–	·01	·01	–	·13	7
8	·11	·17	·12	–	–	·08	–	·72	–	·32	·10	·26	8
9	·05	·81	·17	–	·57	·02	–	–	·01	·04	·21	·02	9
10	–	1·10	·03	1·78	·97	–	·15	–	–	–	·01	–	10
11	–	·07	–	·03	·45	–	·14	–	–	·11	·10	–	11
12	–	·26	–	·23	·06	·21	–	·11	·12	·25	·50	·11	12
13	·14	·05	–	·10	·16	·01	–	–	·02	·01	–	·03	13
14	–	·02	·03	–	–	–	–	–	–	–	–	·04	14
15	–	·12	–	–	–	·16	·04		–	·06	·36	–	15
16	–	–	–	–	·62	·04	–		–	–	·18	–	16
17	–	–	–	–	–	·13	·12	·47	·38	–	·04	·03	17
18	–	·05	–	–	·16	·01	–	·01	·04	·10	·23	–	18
19	–	snow	–	–	–	·08	–	·04	·21	–	–	–	19
20	–	·06	–	–	·02	·01	·19	·48	·10	·31	·57	–	20
21	·09	–	–	·37	–	–	·09	·01	–	–	·19	·51	21
22	·10	–	–	·15	–	–	·14	·02	–	–	–	–	22
23	–	·05	–	–	·09	–	–	·19	–	·05	–	–	23
24	–	·25	–	·18	–	·09	·02	·15	·54	·30	–	·02	24
25	–	·25	–	·25	·52	–	–	·17	·17	·21	·76	·10	25
26	–	1·71	–	–	–	–	–	·11	·06	·29	·02	·08	26
27	–	·57	–	·20	·19	–	·05	·09	·07	·46	–	–	27
28	–	·06	·30	·33	–	–	·08	–	–	–	·48	·26	28
29	·76	·29	–	·08	·10	–	·47	2·28	–	–	·02	·27	29
30	–	X	·30	–	·02	·03	·19	·70	–	·16	·07	·05	30
31	·08	X	·21	X	·05	X	–	·04	X	·01	X	·25	31
TOTAL	2.13	8.03	2.05	3.78	3.98	1.14	1.71	6.47	1.91 ~~1.84~~	3.02	4.64	3.42	YEAR'S TOTAL 42.28
Days with ·01 in. or more	11	22	11	13	14	17	13	21	15	18	20	20	195
Days with ·04 in. or more	11	21	9	11	12	9	11	16	11	14	17	16	155

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

3282

FORM 1090 METEOROL… ATION.

3596.

KIRKNEWTON

COLDBURN.

1924 - 30

1928

5 JAN 1925

Kept at Coldburn, Kir…

in the County of North…

by Wm Anderso…

…newton.

…ge 5" in.

…und - ft. 11 in.

… Level 1052 ft.

Rain should be measured … …vious day.

An Observer who prefers not to … 9 a.m. on January 1st of the following ye…

Jan. 1, following.

Full instructions for the … and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office. Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	in.	
1	·01	·03	-	-	·03	·52	·10	·32	-	-	·27	-	1
2	·07	-	-	-	·04	·04	·09	·05	-	-	·09	-	2
3	-	-	-	-	·21	-	1·28	·01	-	·38	-	·82	3
4	-	·03	-	-	·11	-	·09	·27	-	·02	-	·01	4
5	-	-	-	-	·24	·05	·24	·06	·01	3·09	·01	1·09	5
6	-	-	-	-	·28	·07	·21	·04	·02	·48	-	·23	6
7	-	-	-	-	·39	·09	·19	-	·40	-	-	·03	7
8	-	-	-	-	·54	36 ·36	-	-	·04	·01	-	-	8
9	-	·10	-	·17	·14	·09	-	-	·62	·20	-	-	9
10	-	·08	-	·20	·10	·12	·24	·09	·02	-	-	·01	10
11	·55	·26	-	-	·15	·15	·12	-	·06	-	·03	-	11
12	·23	·08	-	-	·04	·38	-	·17	·08	-	-	-	12
13	-	·06	-	·20	·02	-	·11	-	·11	-	-	·02	13
14	-	-	-	-	·01	-	-	·15	·03	-	-	·01	14
15	-	·12	-	·06	·01	·09	·01	·38	·06	-	-	·93	15
16	·26	-	-	-	·11	-	-	·10	-	·01	·02	·01	16
17	-	·29	-	-	-	·14	·04	1·25	·07	-	-	-	17
18	-	-	-	·02	·16	-	·32	·09	-	-	-	-	18
19	-	-	·03	-	·12	-	·08	·14	·93	·12	·41	·02	19
20	-	-	-	-	-	-	·56	·12	·26	·07	-	-	20
21	-	-	-	·03	·25	·05	·03	·14	·07	-	-	-	21
22	·26	-	·10	-	·02	-	·02	·13	·83	·01	-	·56	22
23	-	-	·36	·01	·04	-	·15	1·04	·29	·02	·01	·23	23
24	-	-	·10	·09	·12	-	·31	·11	-	-	-	·20	24
25	-	·12	·03	·10	·18	-	·17	·02	-	·21	-	·75	25
26	·06	-	-	·39	·03	-	·04	-	-	·63	-	·56	26
27	·03	·34	-	·32	·08	-	·08	·03	·08	·26	1·12	-	27
28	-	-	-	·04	-	·09	2·71	·11	-	·18	·59	·21	28
29	-	·03	-	-	-	·07	1·01	·02	·06	·14	-	·75	29
30	-	X	-	-	·12	-	·10	·01	·03	·02	·02	·23	1180 30
31	-	X	-	X	1·97	X	·08	-	X	·06	X	·93	31 46.46
TOTAL	1·47	1·54	·62	1·63	5·51	2·31	8·38	4·85 ~~4·95~~	4·07	5·91	2·57	7·60	YEAR'S TOTAL ~~47·56~~
Days with ·01 in. or more	8 2	12 3	5 2	12 3	24 5	15 +	3 26	20 5	20 5	18 6	10 5	20 7	190 46
Days with ·04 in or more	6	9	3	9	21 22	15	23	19	15	12	5	13	151 150

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

3282

Form 1090 METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

5. JAN 1925

Kept at Coldburn, Kirknewton, Wooler.
in the County of Northumberland
by Wm Anderson

Lat. ______ Long. ______
Time of Observation 9 am
Nearest Railway Station Kirknewton.
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground - ft. 11 in.
" " " " Sea Level 1052 ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office. Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	in.	
1	·01	·03	-	-	·03	·52	·10	·32	-	-	·27	-	WWW 1
2	·07	-	-	-	·04	·04	·09	·05	-	-	·09	-	2
3	-	-	-	-	·21	-	1·28	·01	-	·38	-	·82	C 3
4	-	·03	-	-	·11	-	·09	·27	-	·02	-	·01	4
5	-	-	-	-	·24	·05	·24	·06	·01	3·09	·01	1·09	5
6	-	-	-	-	·28	·07	·21	·04	·02	·48	-	·23	6
7	-	-	-	-	·39	·09	·19	-	·40	-	-	·03	7
8	-	-	-	-	·54	·36	-	-	·04	·01	-	-	8
9	-	·10	-	·17	·14	·09	-	-	·62	·20	-	-	9
10	-	·08	-	·20	·10	·12	·24	·09	·02	-	-	·01	10
11	·55	·26	-	-	·15	·15	·12	-	·06	-	·03	-	11
12	·23	·08	-	-	·04	·38	-	·17	·08	-	-	-	12
13	-	·06	-	·20	·02	-	·11	-	·11	-	-	·02	13
14	-	-	-	-	·01	-	-	·15	·03	-	-	·01	14
15	-	·12	-	·06	·01	·09	·01	·38	·06	-	-	·93	15
16	·26	-	-	-	·11	-	-	·10	-	·01	·02	·01	16
17	-	·29	-	-	-	·14	·04	1·25	·07	-	-	-	17
18	-	-	-	·02	·16	-	·32	·09	-	-	-	-	18
19	-	-	·03	-	·12	-	·08	·14	·93	·12	·41	·02	19
20	-	-	-	-	-	-	·56	·12	·26	·07	-	-	20
21	-	-	-	·03	·25	·05	·03	·14	·07	-	-	-	21
22	·26	-	·10	-	·02	-	·02	·13	·83	·01	-	·56	22
23	-	-	·36	·01	·04	-	·15	1·04	·29	·02	·01	·23	23
24	-	-	·10	·09	·12	-	·31	·11	-	-	-	·20	24
25	-	·12	·03	·10	·18	-	·17	·02	-	·21	-	·75	25
26	·06	-	-	·39	·03	-	·04	-	-	·63	-	·56	26
27	·03	·34	-	·32	·08	-	·08	·03	·08	·26	1·12	-	27
28	-	-	-	·04	-	·09	2·71	·11	-	·18	·59	·21	28
29	-	·03	-	-	-	·07	1·01	·02	·06	·14	-	·75	29
30	-	X	-	-	·12	-	·10	·01	·03	·02	·02	·23	1180 30
31	-	X	-	X	1·97	X	·08	-	X	·06	X	·93	31 ~~46~~ 46
TOTAL	1·47	1·54	·62	1·63	5·51	2·31	8·38	~~4·95~~ 4·85	4·07	5·91	2·57	7·60	YEAR'S TOTAL ~~47·56~~
Days with ·01 in. or more	8 2	12 3	5 2	12 3	24 5	15 +	3 26	24 5	20 5	18 6	10 5	20 7	194 46
Days with ·04 in or more	6	9	3	9	21 22	15	23	19	15	12	5	13	51 150

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

Section **A** for the entry of Daily Observations. v 65 24 [illegible] E7 **FOR OFFICIAL USE.**

3320

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Coldburn, Kirknewton, Wooler
in the County of Northumberland.
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground - ft. 11" in.
" Ground " Sea Level 1052 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·81	·01	1·97	-	-	·14	-	·16	·01	-	·49	-	1
2	·21	-	·27	·24	·01	·11	·15	·07	-	-	·02	-	2
3	·27	·04	·01	-	-	·02	·02	·08	·26	·14	·34	-	3
4	-	·07	-	·02	·29	-	-	-	-	-	·08	-	4
5	-	·01	-	1·19	·24	·01	-	·01	·04	-	·01	-	5
6	-	-	-	·48	·02	·08	·21	-	·03	·11	·14	·01	6
7	·01	·03	·01	·16	·08	-	-	-	·51	·05	·46	·04	7
8	·02	·24	-	-	·47	-	-	·42	·09	-	·48	·12	8
9	-	·07	-	·07	·49	-	-	·02	1·47	-	-	·21	9
10	·04	·71	·34	·01	·02	-	·02	·07	·07	-	·08	·02	10
11	-	·23	·04	-	-	-	-	-	·14	·01	-	·06	11
12	-	·21	-	-	·05	-	·01	·75	-	·04	-	-	12
13	·08	·83	·07	-	-	-	-	·47	-	-	-	·69	13
14	-	1·71	·03	·02	-	-	-	-	-	-	-	-	14
15	-	1·01	·01	·10	-	-	-	-	·05	·07	-	-	15
16	·01	·67	-	·14	·04	-	·06	-	·01	·26	-	-	16
17	·03	·32	-	·06	-	-	-	-	-	·03	-	·06	17
18	-	·01	-	1·39	·02	-	-	-	·06	·01	-	·72	18
19	-	·07	·35	-	-	·02	-	-	·81	·26	-	·12	19
20	-	·01	·38	-	-	-	·27	·04	-	·35	-	1·41	20
21	-	·02	·16	·02	·01	-	-	·07	·02	·31	-	·39	21
22	-	·01	·11	·15	-	·02	·01	·89	1·39	·61	-	·17	22
23	·06	·09	·18	·05	·35	-	·11	·60	·35	-	-	-	23
24	·01	·68	·04	-	1·18	-	·02	-	-	·01	-	-	24
25	-	·72	-	-	·16	-	·28	-	·61	·05	-	-	25
26	-	·78	·01	·67	·23	-	·12	·02	·08	·48	·17	·06	26
27	·13	·69	-	·13	·41	-	·18	-	·01	·11	·04	·09	27
28	·31	·87	·02	·07	·15	-	-	-	-	·01	·02	·04	28
29	-	X	-	·04	·45	-	·09	-	-	·04	·31	·71	29
30	·11	X	·31	1·23	·17	·01	·11	·01	-	·01	·16	·69	30
31	·04	X	·20	X	·23	X	-	-	X	·02	X	-	31 1296
TOTAL	2·14	10·11 ?	4·51	6·24	5·07	·41	1·66	3·68	5·81	2·98	2·80	5·61	YEAR'S TOTAL 51·02
Days with ·01 in. or more.	15 ~~5~~	26 ~~6~~	19 ~~4~~	20 ~~4~~	21 ~~5~~	8 ~~5~~	15 ~~5~~	15 ~~4~~	19 ~~5~~	21 ~~7~~	14 ~~3~~	18 ~~2~~	211 ~~57~~
Days with ·04 in. or more.	10	19	13 ~~12~~	16	16	3	10	11	14	14	11	16	153 ~~152~~

(Signed) Wm. Anderson. [P.T.O. ✓

Section **A** for the entry of Daily Observations.

✓W✓ G.
✓✓✓ ap.

FOR OFFICIAL USE.

3320

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1926.

Kept at Coldburn Cottage, Kirknewton.
in the County of Northumberland.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ft. 11 in.
" Ground " Sea Level 750 ft.

Corr for April

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·16	·11	-	-	·02	-	-	-	-	·08	1·29	·07	1
2	·04	·15	-	-	·01	-	-	-	-	-	·53	-	2
3	·42	-	·14	-	·08	-	-	-	-	-	·01	-	3
4	-	·03	·04	-	-	-	-	-	-	·01	·37	·23	4
5	·08	·24	-	·01	·35	-	·02	·43	-	-	·07	-	5
6	·34	·71	-	-	·34	-	1·64	1·06	-	·16	-	-	6
7	·12	·65	·06	·05	·05	·17	·06	-	-	·11	-	-	7
8	·02	·28	-	·02	·01	-	·04	·01	-	·25	-	-	8
9	-	·24	-	-	·38	·95	·21	-	·15	-	·01	-	9
10	-	·01	-	-	·31	·21	-	·02	-	·06	·34	-	10
11	-	-	-	-	·08	·03	-	-	-	·09	·08	-	11
12	-	·07	-	-	·23	·35	-	·04	·13	·37	·04	-	12
13	·31	·02	-	-	·14	·06	-	-	·09	-	·21	·31	13
14	·22	·15	-	·08	-	2·63	-	-	·76	-	·05	·11	14
15	-	·02	-	·41	-	·77	-	·17	-	-	·01	-	15
16	-	·49	-	·25	-	·59	-	·05	-	·19	·23	-	16
17	·03	-	·08	-	-	·11	-	·03	-	-	-	-	17
18	·05	-	·07	·24	·02	·01	·91	·01	-	-	1·72	-	18
19	-	·08	·17	·03	·04	-	·94	·02	2·27	-	-	-	19
20	·04	·04	·04	·05	·17	·05	·27	·75	·59	-	·02	-	20
21	·02	·37	·19	·11	-	-	·01	·05	-	·26	·25	-	21
22	·48	-	-	·38	-	·36	·12	-	-	·25	·09	-	22
23	·05	-	-	·07	-	·02	·17	-	·21	-	-	-	23
24	·09	-	-	·02	·25	-	·07	-	-	·54	·01	·22	24
25	·43	-	·01	·72	·02	·01	·03	-	·12	1·28	·23	-	25
26	-	·23	-	·15	·42	·08	·05	-	·35	-	·21	-	26
27	·16	·11	·07	·14	·05	·18	·09	-	-	·03	·15	·05	27
28	·08	-	·05	·11	·09	-	·15	-	-	·59	·20	-	28
29	·93	-	-	·02	·05	-	-	-	-	-	·26	-	29
30	·02	X	-	-	·26	·68	-	·65	·12	-	·01	·02	30
31	·27	X	·06	X	·04	X	-	-	X	-	X	-	31
TOTAL	4·36 ✓	4·00 ✓	·98 ✓	2·86 ✓	3·4~~2~~1	7·26 ✓	4·78 ✓	3·2~~8~~9	4·79 ✓	4·26 ✓	6·39 ✓	1·01 ✓	YEAR'S TOTAL 47·39 ✓
Days with ·01 in. or more.	22 4	19 4	12 x	18 5	23 5	18 ~~4~~	16 ~~3~~	13 ~~5~~	10 ~~0~~	15 ~~8~~	24 ~~6~~	7 ~~1~~	197 ~~40~~
Days with ·04 in. or more.	18 ✓	15 ✓	11 ✓	13 ✓	18	14	13	8 ✓	10	13 ✓	18 ✓	6 ✓	157

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) Wm. Anderson.

[P.T.O.

3304

Section **A** **for the entry of Daily Observations.**

FOR OFFICIAL USE.

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1927.

Kept at Kirkoswald, Coldburn

in the County of in Cumberland

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

„ Ground „ Sea Level..........ft.

May 3" high
June 6" ..
July 2" low
Dec 4 low

3/40 reported 1
rest end of Dec
8 days of Dec ...

May corrected by ... Jan
June corrected ...
July & Aug adjusted for dates of reading
30-31 estimated from ... observer notified 16/5/28.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

June 6' high

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	·01	·52	-	·01	·40	-		-	-	-	·35	1
2	-	-	-	·20	·02	-	·40		-	·01	·01	·68	2
3	-	-	-	-	·50	·04	-		·34	·45	·34	·07	3
4	·07	·01	·36	·02	·02	·30	-		·21	-	-	·40	4
5	·03	·12	1·00	·40	·40	·02	·18		-	-	·16	·23	5
6	-	·04	·01	·05	·05	·10	·40		-	-	-	-	6
7	·08	·09	·41	·01	·01	·40	·10		·75	-	-	-	7
8	·27	-	·10	·40	·40	·50	1·00		-	-	-	-	8
9	-	-	·09	·10	·10	·25	·10		·01	·04	·01	-	9
10	-	-	·18	-	-	·31	-		-	1·20	·42	-	10
11	·07	·23	·21	-	-	·20	-	(4·76)	·24	-	·25	-	11
12	·37	-	·12	·01	·01	·34	-		·37	·02	-	-	12
13	·34	-	-	·50	·50	·02	-		·08	·25	·02	-	13
14	-	-	-	·01	·01	·21	-		·25	-	-	-	14
15	-	-	-	-	-	·12	-		·54	-	-	-	15
16	·03	·01	-	-	-	·16	·01		-	·44	-	·01	16
17	·02	·14	-	-	·13	·25	-		-	·14	·40	·23	17
18	-	-	-	-	-	·0	-		·35	·02	·24	·40	18
19	-	-	-	-	-	·90	·13	-	·01	-	·35	-	19
20	-	-	-	·02	·01	·10	·04	-	·50	-	-		20
21	-	-	-	·20	·50	[illegible]	·05	-	-	-	1·26		21
22	-	-	·61	-	-	·45	·10	·20	1·40	·45	·34	(1·00)	22
23	·12	·35	·55	·12	-	·30	·25	-	·10	-	-		23
24	-	-	·21	·55	-	·10		-	·04		-		24
25	-	-	·51	·21	-	·20		·30	·32	-	·02	rain gauge buried in drift	25
26	·53	-	·02	·51	·01	·50		·15	-	1·54	1·03		26
27	·41	·01	·20	·03	-	·20	(1·24)	·01	-	-	-		27
28	·35	·25	-	-	~~·02~~	-		1·04	·45	·02	-		28
29	-	·31	-	-	~~1·34~~	·01		·12	-	·37	1·04		29
30	·11	X	·40	·20	-	·15		-	-	·01	-		30 ~~57·88~~
31	·02	X	-	X	·20	X		-	X	·01	X		31
TOTAL	2·82	1·57	5·50	3·54	~~4·90~~ ~~1·88~~ 2·88	9·74 (3·50)	~~3·60~~ (4·00)	~~6·82~~ (6·58)	5·96	4·97	5·94	(3·42)	YEAR'S TOTAL (50·68) ~~50·78~~
Days with ·01 in. or more.	~~-~~	~~4~~	~~1~~	~~3~~	~~3~~	~~1~~	~~1~~	~~1~~	~~1~~	~~3~~	~~2~~	~~1~~	155
Days with ·04 in. or more.	~~10~~	~~5~~	~~13~~	~~12~~	~~11~~	~~24~~	~~11~~	~~5~~	~~14~~	~~9~~	~~11~~	~~7~~	132

40-12-1-27
144w)

(Signed) J. M. Anderson

[P.T.O.]

→ KIRKNEWTON (COLDBURN)

3467A

Section **A** **for the entry of Daily Observations.**

FOR OFFICIAL USE.

*/Noh/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

847658/28

~~*Kept at*~~ Coldburn, Kirknewton

in the County of Northumberland

Diameter of Funnel of Gauge 4½ in.

Height of top of Gauge above Ground ...... ft. 10 in.

,, Ground ,, Sea Level (approx) ~~800~~ 1052 ft.

adjusted to surrounding stations no notification necessary

OK

1927 N.O. since

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1						·14		·52			·03	·14	1
2								·31		·1	·02	·27	2
3				·5	·16			·02				·13	3
4				·34	·24		·87				·21	·02	4
5					·02	·16		·24			·02	·37	5
6					·4	·64		1·44			·21		6
7							·49					·02	7
8					·16					·54	·11	·24	8
9				·54		·06				·24	1·33	·79	9
10											·02	·12	10
11						·36					·23	·47	11
12											·01	·03	12
13				·02				·48		·04		·13	13
14				·01							tr.		14
15											tr.		15
16					·4	·06				·07			16
17				·01				·02			1·02		17
18				·01									18
19										·06	·08		19
20												·25	20
21				·01								·11	21
22						·11						·05	22
23				·02	·04	·06					·39	·65	23
24				·01		·02		·04				·8	24
25											·32	1·01	25
26				·03				·25			·19	·08	26
27				·3						·21		·82	27
28				·15			·26	·03			·17	·01	28
29				·03					tr.	·07	·05		29
30		X									·07		30
31		X		X	·4	X	·66	·01	X	·13	X	·2	31
TOTAL	1·57	~~5·67~~ 1·67	·84	1·98	1·82	1·61	2·28	3·36	·30	1·46	4·48	6·71	YEAR'S TOTAL ~~31·48~~ 28.08.
Days with ·01 in. or more.				14	8	9	4	11	—	9	18	22	
Days with ·04 in. or more.				5	7	8	4	7	—	9	13	18	—

Print with a

40-12-1-27
144w)

N K (Signed) Agnes Cowe Mrs Cowe [P.T.O.

3538

Section A for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Coldburn, Kirknewton

in the County of Northumberland.

Diameter of Funnel of Gauge 4½ in.

Height of top of Gauge above Ground — ft. 11 in.

,, Ground ,, Sea Level ~~X~~ Appr 700 ~~X~~ ft.

906 sent 20/5/31 suggesting 1.50 ins for March 13th–17th, ·20 ins for June 17th & ·30 for June 21st.

March 1" low
April 1" low
June 21" low

de

£847668/28,

Observer agrees March 13–17 may be low & 1.00 therefore added. Observer confirms June 17 & 21 SL– 3/6/31.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

cf 3537
3541
3540
3539

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	·89		·12				·17			·32		1
2	·06	·27				·04		·8			·64		2
3	·04	·38					·23	·5		·46			3
4		·49	·07					1·2		·23			4
5		·42	·04	·03	·2			·4					5
6		·17	·12	·1	·01			·3			·23		6
7	·05		·06	·01	·12			·15	·45	·3	·34	·14	7
8	·2				·21					·83		·23	8
9	·25												9
10	·25	·19	·01					·05	·02				10
11		·21	·09					·12				·16	11
12	·28	·09	·12					·6	·34			·67	12
13				·13				·05	·1				13
14		·01		·14	·36				·24				14
15	·16		+1.00"	·01	·35					·32	·14		15
16	·01											·45	16
17						·01 ?	1·2					·35	17
18			·02			tr.	·64	·13	1·9	·23	·6		18
19	·1		·03	·02	·05			·54	·79		·36		19
20			·14	·01	·13		·13	·2	·67		·57		20
21	·01		·07			?	1·48	·37				·02	21
22	·02	·08	·03		·02		1·5				·67		22
23		·07			·01	·01	·22			·33	·23	·04	23
24	·1				·04		·1				·4	·67	24
25					·24	·03					·02	·43	25
26				·01					·96	·1	·59	·54	26
27	·75			·14		·01			·73	·24	·1	·76	27
28	·91	·01		·12		·15					·19	·45	28
29	·6			·2		·14	·06	·02			·7	·35	29
30	·19	×					·79	·01	·24				30
31	·66	×	·01	×	·01	×	·01		×		×	·25	31 45.82
TOTAL	4·67	3·28	1.81 ~~·81~~	1·04	1·57	·39 ?	6·36	5·61	6·44	3·04	6·1	5·51	YEAR'S TOTAL ~~44·82~~
*Days with ·01 in. or more.	~~19~~	~~13~~	~~13~~	~~13~~	~~13~~	~~7~~	~~11~~	~~17~~	~~11~~	~~9~~	~~16~~	~~15~~	~~157~~
*Days with ·04 in. or more	~~15~~	~~11~~	~~8~~	~~7~~	~~9~~	~~3~~	~~10~~	~~15~~	~~10~~	~~9~~	~~15~~	~~14~~	~~126~~

40-9999

(Signed) Agnes Cowe

P.T.O.

*See Instruction 2 (*f*) on other side.

3584

KIRKWHELPINGTON

1929 - 30

3456A

Section **A** for the entry

AIR MINIS

FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

REG 9.

Northumberland/5

Kept at Kirkwhel

in the County of North

cannot be done BM 11/7/30

Diameter of Funnel of Gaug

Height of top of Gauge above

„ Ground „

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1							·01	Trace		·32		·05	1
2								·24		·48	·02	·05	2
3							·4	·56}	·06	·01		·09	3
4							1·45				·12	·12	4
5								·14		·15	·03		5
6							·02}	·53		·3	·01	·2	6
7										·68	·16	·3	7
8							·01	·05		·07	·18	·26	8
9							·06				1·1}	·06	9
10							·05	·18		·02		·4	10
11							·07				·13	·06	11
12							Trace		·01		·01	·03	12
13								·43				·03	13
14								·02		Trace.			14
15													15
16								·15		·01		·01	16
17								·15			·27		17
18									Tr.		·44		18
19									·1		·07		19
20										·04			20
21								·27}		·05		·31}	21
22							·51		·02				22
23								·12		·52}	·16}	·37	23
24												·61	24
25											·32	·38	25
26											·03	·08	26
27							Trace	·16		·19	·13		27
28							·01	Trace	·81}	·11		·87	28
29							·26	·11		·12		·14	29
30		×					·29		·17	·05	·3	Tr	30
31		×		×		×	·66	·05	×		×	·07	31
TOTAL	2·00"	1·20"	·30"	2·05"	1·45"	1·87"	3·8"	3·16"	1·17"	3·12"	3·48"	4·49"	YEAR'S TOTAL 28·09
Days with ·01 in. or more.						12	13	15	6	16	17	22	—
Days with ·04 in. or more.						9	9	14	4	13	12	19	—

Previously sent in

40-9999 M

N K (Signed) John R. Wardle Esq. [P.T.O.

3456A

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Northumberland/5

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at X Kirkwhelpington X
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 3 in.
„ Ground „ Sea Level 581 ft.

931239/29
Not complete / [illegible] cannot be done
BM 11/7/30

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

St[illegible] June 12th

Previously Dent inv

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1							·01	Trace		·32		·05	1
2								·24		·48	·02	·05	2
3							·4	·56}	·06	·01		·09	3
4							1·45				·12	·12	4
5								·14		·15	·03		5
6							·02}	·53		·3	·01	·2	6
7										·68	·16	·3	7
8							·01	·05		·07	·18	·26	8
9							·06				1·1}	·06	9
10							·05	·18		·02		·4	10
11							·07				·13	·06	11
12							Trace		·01		·01	·03	12
13								·43				·03	13
14								·02		Trace.			14
15													15
16								·15		·01		·01	16
17								·15			·27		17
18									Tr.		·44		18
19									·1		·07		19
20										·04			20
21								·27}		·05		·31}	21
22							·51		·02				22
23								·12		·52}	·16}	·37	23
24												·61	24
25											·32	·38	25
26											·03	·08	26
27							Trace	·16		·19	·13		27
28							·01	Trace	·81}	·11		·87	28
29							·26	·11		·12		·14	29
30		×					·29		·17	·05	·3	Tr	30
31		×		×		×	·66	·05	×		×	·07	31
TOTAL	2·30"	1·20"	·30"	2·05"	1·45"	1·87"	3·8"	3·16"	1·17"	3·12"	3·48"	4·49"	YEAR's TOTAL 28·09
Days with ·01 in. or more.						12	13	15	6	16	17	22	—
Days with ·04 in. or more.						9	9	14	4	13	12	19	—

40-9999

M

N K

(Signed) John R. Wardle Esq.

[P.T.O.

3527

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930

METEOROLOGICAL
OFFICE,
EDINBURGH.
3 JAN 1931

Kept at KIRKWHELPINGTON
in the County of NORTHUMBERLAND
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 3 in.
,, Ground ,, Sea Level 581 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·14	·8		·23							1·12		1
2	·19	·16		·23				·79					2
3	·14	·06		·09						·16	·03		3
4	·5	·16	·02				·22	·24	·11				4
5	·16	·4	·1	·24				·03					5
6	·06	·03	·14		·04				·42	·36			6
7	·24				·16					·15	·11	·33	7
8	·21			·03						·4			8
9	·06	·02	·07	·15		·1		·25	·19		·04		9
10	·18	·01			·22		·06	·06	·09				10
11	·43									·47		·3	11
12		·01	·01	·18	·18			·42					12
13	·45				·18		·44	·09	·12				13
14	·41		1·17	·03			·02		·11		·34	·31	14
15				·01	·01		·01			·61			15
16	·03					·04	·9			·03		·14	16
17			·16	·08	·45	·22	·24	·07	·84				17
18	·1		·11	·35			·06	·03	·18	·1	·65		18
19			·01	·14		·2	·21		·28	·1	·05	·04	19
20			·38	·09			·07	·86	·08				20
21	·02			·01		·18	·26			·25	1·2		21
22	·11						·75				·36		22
23	·01	·12		·13		·08							23
24		·05			·01	·03			·06		·3		24
25	·32	·02		·15	·01	·01					·21	·19	25
26		·02						·12				·46	26
27	·12			·06		·03			·41	·08			27
28	·02			·01			·06	·01		·01	·01		28
29							1·04	·74	·06	·14		·28	29
30		×	·11			·15	·01	·38	·04			·3	30
31	·74	×	·09	×		×		·01	×		×		31
TOTAL	4·64	1·86	2·37	2·21	1·26	1·04	4·95	4·1	2·99	2·86	4·45	2·35	YEAR'S TOTAL 35·08
Days with ·01 in. or more.	22	13	12	18	9	10	15	15	14	13	13	9	163
Days with ·04 in. or more.	18	7	9	13	6	7	12	11	14	11	10	9	127

Small d

40-9999

(Signed) John R. Wardle

P.T.O.

3589

LONG FRAMLINGTON, EMBLETON HALL

1925 - 30

AL USE. 3311

County No.
River Dist.
Station No.

FORM 1090. METEOR IZATION.

47' 40" W.

Kept at EMBLETON
A.M.
in the County of LON Nor
rinkBURN
by J. C. F
Gauge 5 in.
Ground ft. 9- in.
Sea Level 430 ft.

THE MORNIN US DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·65												1
2								·70					2
3					·09								3
4	·33									·29			4
5				·38			·12						5
6									·20			·33	6
7						·27							7
8		·10	·72								1·00		8
9								·90					9
10					·95								10
11	·05									·05			11
12				·67			·23						12
13									2·06			·64	13
14			·30										14
15		1·81									·27		15
16								·12					16
17					·08								17
18	0·02									·29			18
19				·71			·000						19
20									·91			1·40	20
21													21
22		1·11	·52								·05		22
23								1·18					23
24					·51								24
25	·10									1·12			25
26				·25			1·00						26
27												·64	27
28		1·29							1·43				28
29			·32										29
30		X		·90	1·73	·34		·31	·04		1·25		30 881
31	·49	X	·16	X	·00	X	1·68	·08	X	·85	X	·68	31
TOTAL	1·64	4·31	2·02	2·91	3·36	·61	3·03	3·29	4·64	2·60	2·57	3·69	YEAR'S TOTAL
Days with ·01 in. or more.	6	4	5	5	5	2	4	6	5	5	4	5 5	34·67
Days with ·04 in. or more	5	4	5	5	5	✓	4	6	5	5	4	5	55

AL USE.

3311

AIR MINISTRY.

County No.

River Dist.

Station No.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1925.

Kept at EMBLETON HALL.

LONGFRAMLINGTON

in the County of Northumberland.

by J. C. Fenwick

Lat. 55° 18' 11"N Long. 1° 47' 40"W.

Time of Observation 10 A.M.

Nearest Railway Station Brinkburn

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground ft. 9- in.

" " " " Sea Level 430 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·65												1
2								·70					2
3					·89								3
4	·33									·29			4
5				·38			·12						5
6									·20			·33	6
7						·27							7
8		·10	·72								1·00		8
9								·90					9
10					·95								10
11	·05									·05			11
12				·67			·23						12
13									2·06			·64	13
14			·30										14
15		1·81									·27		15
16								·12					16
17					·08								17
18	0·02									·29			18
19				·71			·000						19
20									·91			1·40	20
21													21
22		1·11	·52								·05		22
23								1·18					23
24					·51								24
25	·10									1·12			25
26				·25			1·00						26
27												·64	27
28		1·29							1·43				28
29			·32										29
30		✕		·90	1·73	·34		·31	·04		1·25		30 881
31	·49	✕	·16	✕	·00	✕	1·68	·08	✕	·85	✕	·68	31
TOTAL	1·64	4·31	2·02	2·91	3·36	·61	3·03	3·29	4·64	2·60	2·57	3·69	YEAR'S TOTAL
Days with ·01 in. or more.	6	4	5	5	5	2	4	6	5	5	4	5 5	34·67
Days with ·04 in. or more	5	4	5	5	5	✓	4	6	5	5	4	5	55

Section **A** for the entry of Daily Observations. V: Zh

FOR OFFICIAL USE. 3311

FORM 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1926.

Kept at EMBLETON. HALL: Long Framlington

in the County of Northumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 9 in.

„ Ground „ Sea Level 430 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Records taken in Millimetres should be entered on Form 1091.

Jan. 1, following.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2					trace								2
3	·22									·35			3
4				trace			—						4
5									trace			·15	5
6						·01							6
7		1·62	·41				·89				1·22		7
8								·96					8
9					·31								9
10	·74									·75			10
11				trace			·08						11
12									·14			·13	12
13						1·67							13
14		1·12	·27			·41					·55		14
15						·67		·76					15
16					·65								16
17	·52					·33				·91			17
18				·32			·05						18
19									·79			·26	19
20						·04			1·55				20
21		·53	·19								1·49		21
22								1·25					22
23					·33								23
24	·73									·34			24
25				·25			3·12						25
26									·20			·17	26
27													27
28		·37	·24			·44					·91		28
29								·06					29
30		×		1·00		·51			·47		·52		30
31	·65	×	·07	×	1·12	×	·72	·14	×	1·59	×	trace	31
TOTAL	2·66	3·64	1·18	1·57	2·41	4·08	4·86	3·17	3·15	3·94	4·69	·71	YEAR'S TOTAL
Days with ·01 in. or more.													36·26
Days with ·04 in, or more.													

(Signed) J C Fenwick [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3379A

Northumberland/5

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1928.

Kept at Embleton Hall - Longframlington

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 9 in.

" Ground " Sea Level 430 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

N.R. 1927
last pub. 1924

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1													1
2									·09				2
3													3
4			·52								·54		4
5		·23						Trace					5
6					·13								6
7										·31			7
8	·98			·10			·39						8
9									·38			·08	9
10						·85							10
11											·24		11
12		·45						1·23					12
13					·05								13
14										1·34			14
15	·30			·36			·00						15
16									·34			·71	16
17						2·80							17
18			1·68								·91		18
19		·43						35					19
20					90								20
21								1·57		·56			21
22	·89			~~trace~~ ·74			00						22
23									·11			·23	23
24						·79							24
25			·24								1·24		25
26								·30					26
27					·43								27
28										·63			28
29	·61	·01		Trace			·63						29
30		X		·14		1·19			·51		·01	·93	30
31	·61	X	·52	X	·07	X	·26	·60	X	·38	X	·11	31
TOTAL	3·39	1·12	2·96	1·34	1·28	5·33	1·28	4·05	1·43	3·22	2·94	2·06	YEAR'S TOTAL 30·40
Days with ·01 in. or more.													
Days with ·04 in. or more.													

OK

(Signed) J C Fenwick
J C Fenwick, Esq

[P.T.O.

3462

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at EMBLETON HALL - LONGFRAMLINGTON.

in the County of Northumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 9 in.

,, Ground ,, Sea Level 430 ft.

June ½ for auth

June corr for Auth
Obs^r notified

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2						·25		·89					2
3		·32									·05		3
4								·30	~~·30~~				4
5					·26								5
6	·14									·61			6
7				·46			2·12						7
8									·07			·74	8
9						·62							9
10		00	trace								·89		10
11								1·42					11
12					1·05								12
13	·57					·71				·82			13
14				·12			·05						14
15									trace			·89	15
16													16
17		·26	trace								·37		17
18													18
19					·14								19
20	64									·06			20
21							00						21
22									·03			·29	22
23						·20	·59						23
24		·29	·13								·93		24
25								1·01					25
26					·08								26
27	39									·55			27
28				·95									28
29		·40					·23					1·72	29
30		×	00	·29		·01			·59		1·41		30
31	·66	×	·08	×	0	×	·29	·10	×	·55	×	·31	31 26·96
TOTAL	2·34	1·27	21	1·94	1·53	1·79	3·28	3·72	·69	2·59	3·65	3·95	YEAR'S TOTAL ~~25·96~~
Days with ·01 in. or more.													—
Days with ·04 in. or more.													—

40-9999

(Signed) J. C. Fenwick [P.T.O.

3532

Section A **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Embleton Hall, Long Framlington

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 9 in.

,, Ground ,, Sea Level 430 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1								·92					1
2		·45	trace					·32			48		2
3													3
4					·09					not taken			4
5	·18									~~[illegible]~~			5
6				·69			·34						6
7									·27			trace	7
8						trace							8
9		1·06									·81		9
10								·61					10
11					·74								11
12	45									·97			12
13				·41			·14						13
14									1·42			·85	14
15						trace							15
16		trace	·67								·32		16
17								·64					17
18					·50				1·09				18
19	1·12									·48			19
20				·42			1·32						20
21									57			·64	21
22						·42							22
23		·11	1·66								1·50		23
24								·76					24
25					·11								25
26	·15									·30			26
27				·43			1·45						27
28									·40			·90	28
29		22				·33							29
30		×		trace		12	~~84~~		·30		·60		30
31	84	×	·11	×	·06	×	84	1·45	×	~~7~~·09	×	·62	31
TOTAL	2·74	1·84	2·44	1·85	1·50	·87	4·09	4·70	4·04	1·84	3·71	3·01	YEAR'S TOTAL 32·63
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) J. C. Fenwick [P.T.O.

Section **A** for the entry of D

LONG HORSLEY
(GHYLLHEUGH)
1925-26, 1929
NORTHUMBERLAND

FOR OFFICIAL USE. 3309

FORM 1090. METEOROLOG ATION.

Kept at GHYLLHEUGH. L

in the County of NORTHU

o read the instructions this form.

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

„ Ground „ Sea

fill in section C

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. ·08.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·11	·01	·15	·15	·68	·05	·30	·01	·05	—	·06	·14	1
2	·04	—	·43	·01	·03	·05	—	·31	·01	—	·21	·08	2
3	[illegible]	—	·06	·27	·01	·04	·10	·03	·03	—	·06	·05	3
4	[illegible]	—	·03	·03	—	·04	·04	·03	·18	·33	·34	—	4
5	·05	·02	·01	·01	·30	—	·01	—	·01	·02	·05	—	5
6	·01	·03	—	·32	·25	—	—	·05	—	—	·06	—	6
7	—	·05	—	·25	·03	·06	·08	·22	—	·01	·07	—	7
8	—	·04	—	·11	·16	·01	·01	·11	·20	·04	·26	·10	8
9	·05	·22	·05	·12	·17	—	—	·01	·04	—	·15	·10	9
10	—	·04	·02	·02	·04	—	·04	·01	1·35	—	—	·23	10
11	—	·38	·13	—	·02	—	—	·03	·09	—	·05	·03	11
12	·01	·37	·03	—	·03	—	—	·05	[illegible]	—	·01	·29	12
13	—	·17	—	·07	·04	—	—	·08	·02	·05	—	·03	13
14	—	·05	·02	·02	·01	—	—	·03	·02	—	—	·01	14
15	—	·03	·08	·20	—	—	—	—	—	·01	—	·08	15
16	—	·52	·02	·08	—	—	—	—	·14	—	—	·22	16
17	·01	·15	·04	·05	—	—	·01	—	·02	·20	—	·14	17
18	·01	·10	·01	·07	—	—	—	—	·09	·04	—	·12	18
19	—	·08	—	·30	—	—	—	—	—	·04	—	·65	19
20	—	·15	·22	·03	·06	·02	—	—	·75	·22	—	1·05	20
21	—	—	·20	—	—	—	·30	·04	·02	·41	—	·53	21
22	—	·65	·11	·01	—	—	·02	·22	·01	·04	—	·71	22
23	—	—	·02	·14	—	—	—	·76	·81	·30	·04	·32	23
24	·09	·11	·04	·02	·49	—	—	·12	·04	·03	·02	—	24
25	·02	·21	·06	·03	1·17	—	—	·01	·01	·02	·05	·01	25
26	·01	·23	·23	·10	·15	—	·70	—	·38	·03	·18	·03	26
27	·05	·22	·05	·26	·20	—	·11	·05	·04	·25	·08	·06	27
28	—	·08	·01	·02	·21	—	·36	—	·01	·06	·08	·02	28
29	·12	X	—	·01	·08	—	·07	—	—	·23	·20	·04	29
30	·32	X	—	·26	·11	—	·01	—	—	·15	·30	·30	30 898 35·35
31	·03	X	·01	X	·02	X	·49	·02	X	·01	X	·19	31 ~~35·38~~
TOTAL	·01 ~~1·74~~ 1·64	·15 ~~3·97~~ 4·11	·15 ~~2·03~~ 2·03	·68 ~~2·96~~ 3·49	·05 ~~4·26~~ 3·63	·30 ~~·27~~ ·52	·01 ~~2·65~~ 2·90	2·79 ·05 ~~2·85~~ 2·83	~~4·42~~ 4·37	·06 ~~2·49~~ 2·55	·14 ~~2·27~~ 2·35	·08 ~~5·53~~ 5·47	YEARS TOTAL ~~35·44~~
Days with ·01 in. or more.	17.	23.	24.	27.	22.	7.	16.	20.	~~24~~ 23.	~~21~~ 22.	19.	26.	246.
Days with ·04 in. or more.	~~[illegible]~~ 9	~~20~~ 21	~~11~~ 14	16.	15.	5.	~~11~~ 10	~~12~~ 13	~~12~~ 13.	~~12~~ 15	17.	20.	~~165~~. 168

(Signed) Louis Ames [P.T.O.

Section **A** for the entry of D COI for anit

FOR OFFICIAL USE.

3309

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at GNYLLHEUGH. LONGHORSLEY.

in the County of NORTHUMBERLAND.

Diameter of Funnel of Gauge 5. in.

Height of top of Gauge above Ground 1. ft. 0. in.

„ Ground „ Sea Level 250. ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. ·08.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·11	·01	·15	·15	·68	·05	·30	·01	·05	—	·06	·14	1
2	·64	—	·43	·01	·03	·05	—	·31	·01	—	·21	·08	2
3	·10.	—	·06	·27	·01	·04	·10	·03	·03	—	·06	·05	3
4	·11	—	·03	·03	—	·04	·04	·03	·18	·33	·34	—	4
5	·05	·02	·01	·01	·30	—	·01	—	·01	·02	·05	—	5
6	·01	·03	—	·32	·25	—	—	·05	—	—	·06	—	6
7	—	·05	—	·25	·03	·06	·08	·22	—	·01	·07	—	7
8	—	·04	—	·11	·16	·01	·01	·11	·20	·04	·26	·10	8
9	·05	·22	·05	·12	·17	—	—	·61	·04	—	·15	·10	9
10	—	·04	·02.	·02	·04	—	·04	·01	1·35	—	—	·23	10
11	—	·38	·13	—	·02	—	—	·03	·09	—	·05	·03	11
12	·01	·37	·03	—	·03	—	—	·05	·10	—	·01	·29	12
13	—	·17	—	·07	·04	—	—	·08	·02	·05	—	·03	13
14	—	·05	·02	·02	·01	—	—	·03	·02	—	—	·01	14
15	—	·63	·08	·20	—	—	—	—	—	·01	—	·08	15
16	—	·52	·02	·08.	—	—	—	—	·14	—	—	·22	16
17	·01	·15	·04	·05	—	—	·01	—	·02	·20	—	·14	17
18	·01	·76	·01	·07	—	—	—	—	·09	·04	—	·12	18
19	—	·08	—	·30	—	—	—	—	—	·04	—	·65	19
20	—	·15	·22	·03	·06	·02	—	—	·75	·22	—	1·05	20
21	—	—	·20	—	—	—	·30	·04	·02	·41	—	·53	21
22	—	·65	·11	·01	—	—	·02	·22	·01	·04	—	·71	22
23	—	—	·02	·14	—	—	—	·76	·81	·30	·04	·32	23
24	·09	·11	·04	·02	·49	—	—	·12	·04	·03	·02	—	24
25	·02	·21	·06	·03	1·17	—	—	·01	·01	·02	·05	·01	25
26	·01	·23	·23	·10	·15	—	·70	—	·38	·03	·18	·03	26
27	·05	·22	·05	·26	·20	—	·11	·05	·04	·25	·08	·06	27
28	—	·08.	·01	·02	·21	—	·36	—	·01	·06	·08	·02	28
29	·12	X	—	·01	·08	—	·07	—	—	·23	·20	·04	29 898
30	·32	X	—	·26	·11	—	·01	—	—	·15	·30.	·30	30 35·35
31	·03	X	·01	X	·02.	X	·49.	·02	X	·01	X	·49	31 ~~35·38~~
TOTAL	·01 ~~1·74~~ 1·64	·15 ~~3·97~~ 4·11	·15 ~~2·03~~ 2·03	·68 ~~2·96~~ 3·49	·05 ~~4·26~~ 3·63	·30 ~~·27~~ ·52	·01 ~~2·65~~ 2·96	2·79 ·05 ~~2·85~~ 2·83	~~4·42~~ 4·37	·06 ~~2·49~~ 2·55	·14 ~~2·27~~ 2·35	·08 ~~5·53~~ 5·47	YEAR'S TOTAL ~~35·44~~
Days with ·01 in. or more.	17.	23.	24.	27.	22.	7.	16.	20.	~~24~~ 23	~~21~~ 22	19.	26.	246.
Days with ·04 in. or more.	~~10~~ 9	~~20~~ 21	~~11~~ 14	16.	15.	5.	~~11~~ 10	~~12~~ 13	~~12~~ 13	~~14~~ 15	17.	20.	~~165~~ 168

(*Signed*) Louis Ames [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3309

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1926.

Kept at GHYLLHEUGH.

in the County of NORTHUMBERLAND.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground ft. 8 in.

„ Ground „ Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·25	·03	—	·01	·01	—	—	—	—	·17	·86	—	1
2	·01	·32	—	—	—	—	—	—	—	·01	·16	·02	2
3	·36	·02	·25	—	—	—	—	—	—	—	·01	·02	3
4	—	·08	·05	—	·08	—	—	—	—	·02	·02	—	4
5	·07	·47	·04	—	·05	—	·18	·42	—	·02	·09	·01	5
6	·13	·49	·02	—	·10	—	·75	·16	—	·04	·03	—	6
7	·16	·56	—	·01	·05	·10	—	—	—	—	·03	—	7
8	·12	·30	·06	—	—	·03	—	—	·08	·37	·11	—	8
9	—	·05	·22	—	·22	·87	·02	—	·06	·19	·01	—	9
10	—	·18	·02	—	·20	·45	—	·47	—	·02	·15	—	10
11	·01	·05	·01	—	·08	·06	—	·12	—	·05	·08	—	11
12	—	·05	—	—	·08	·25	—	·03	·31	·47	·02	—	12
13	·03	·01	—	—	·15	·04	—	·06	·02	·22	·13	·13	13
14	·03	·17	—	·18	·04	·57	—	—	·41	—	·11	·02	14
15	·06	·06	—	·12	—	·85	—	·36	·01	—	—	·01	15
16	·11	·14	—	·01	—	·02	—	—	·02	·13	·06	·02	16
17	·02	·01	·03	·07	—	—	1·42	·12	—	—	·02	—	17
18	·10	·02	·01	·02	—	·04	·75	·29	—	—	·87	—	18
19	·10	·13	·08	·05	—	—	—	·07	1·11	—	—	—	19
20	—	·01	·05	·02	·49	—	·03	·18	·32	—	·11	·03	20
21	·01	·06	·20	·06	·08	—	·03	·20	—	·02	·03	·07	21
22	·25	·02	·06	·09	—	·17	—	·04	—	—	·34	—	22
23	·07	·01	·01	·03	—	·15	·11	·05	·15	·36	·01	—	23
24	·08	—	—	·04	·10	—	·67	—	—	·02	—	—	24
25	·12	—	—	·58	·02	—	—	—	·04	·68	·26	·07	25
26	·05	·15	·04	·03	·58	—	—	—	·38	·01	·04	—	26
27	·03	·07	·01	·15	·02	·21	·07	—	—	·03	·17	·05	27
28	·23	·01	·06	·04	·24	·06	·40	—	—	·29	·45	—	28
29	·22	×	·04	·03	·05	—	—	—	—	·12	·11	—	29
30	·02	×	·01	·04	·03	·48	—	·16	·25	—	·05	—	30
31	·22	×	—	×	·02	×	—	—	×	—	×	—	31
TOTAL	2·86	3·47	1·27	1·58	2·69	4·35	4·43	2·73	3·16	3·24	4·33	·45	YEAR'S TOTAL 34·56.
Days with ·01 in. or more.	26	26	20	19	21	16	11	15	13	20	27	11	225.
Days with ·04 in. or more.	18	17	12	11	16	14	8	14	10	12	18	4	154.

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) S. J. Redpath

[P.T.O.

3378B

Northumberland/5

last pub 1936

NO 4??

FORM 1090. **B** Monthly Summary.

** *The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

LONG HORSLEY

RAINFALL IN 1928.

At GHYLLHEUGH

In the County of NORTHUMBERLAND

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. 0 in.
Height of Ground above Sea Level 250 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
	Inches.	Inches.	Date.	·01 in. or more	·04 in. or more
JAN.	3·10.				
FEB.	1·40.				
MAR.	3·66.				
APR.	1·07.				
MAY	1·38.				
JUNE	5·30.				
JULY	1·70.				
AUG.	3·70.				
SEPT.	1·38.				
OCT.	3·13.				
NOV.	3·02.				
DEC.	2·64.				
Total	31·48.				

Signature S. J. Redpath. Esq

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
S. J. REDPATH. GHYLLHEUGH.
LONGHORSLEY. NORTHHUMBERLAND.

Hour of observation by the clock—in Winter 9. AM. in Summer 9. AM.

Nearest Railway Station BRINKBURN. Distance 2 MILES. Direction from gauge W.

Nearest Parish Church at LONGHORSLEY Distance 2 MILES. Direction from gauge S.

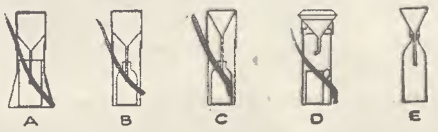
Nature of objects nearest to gauge	WALL	WALL.		
Heights of objects	10 FEET	10 FEET.		
Distances ...	35 FEET	35 FEET.		
Directions from gauge	E.	N.		

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in ***British Rainfall,*** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(*83†) Wt. 23575—1531/1662. 13,000. 2/28. T.S. 118.

40-9999

OK

3460

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at ....

in the County of ....

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this

Jan. 1, following.

Date

3460

Ghyllheugh.
Longhorsley.
Northumberland

7th Feb. 1930.

Gentlemen.

I'm sorry for delay in sending in RAINFALL Return. I can only give you the complete year - Viz.

(27·20 inches.)

Yours Faithfully

S. J. Redpath.

TOTAL

To

Day

or more.

Days with ·04 in. or more.

40-9999

(Signed) .... [P.T.O.

332

FORM A. 1. METEOROLOG… …LL ORGANIZATION.

REG… …N 1921.

MORPETH

BOTHALHAUGH LAWN.

NORTHUMBERLAND

~~1921~~ - 1922

Kept at Bothalhaugh… …Long……

…vation……

in the County of Northu… …y Station……

…unnel of Rain Gauge……in.

by …… …f Gauge above Ground……ft.……in.

„ „ Sea Level……ft.

IMPORTANT NOTE.—R… …the result entered to the previous day. If an Observer prefers not to … …nestly requested to add the reading at 9 a.m. on 1st Ja… …ded for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05		·01					·94	·04				1
2	·20				·05			·06		·05	·10		2
3	·06	·02	·02				·01	·18		·20	·14		3
4	·12	·03	·17	·01		·10		·03		·04	·01	·08	4
5		·07	·12		·15		·01	·42			·79	·07	5
6		·01	·05		·25			·02		·01	·01	·02	6
7		·03		·01			·14	·02		·01	·01	·01	7
8	·03	·01			·10	·24		·14			·07		8
9	·07	·01						·20	·09				9
10	·48	·02			·09			·59	·08	·05			10
11	·14				·09			·22		·03	·11		11
12	1·18		·02	·13	·02	·06	·02	·27	·01				12
13			·01					·01	·89	·07	·01	·01	13
14			·01	·04	·25			·05	·02		·01	·02	14
15			·03	·03			·23		·02			·05	15
16	·08		·01	·01	·04		·03	·06			·06		16
17	·09		·02				·01	·01			·03		17
18			·02	·12				·01			·55	·25	18
19			·03		·01			·01	·03	·16	·03	·02	19
20						·03	·12	·23			·19	·02	20
21	·02		·03	·01		·03	·05	·10		·72	·13		21
22	·02			·06		·13	·17	·07		1·38	·07		22
23	·33	·02		·12			·01			·01	·01	·02	23
24	·59	·02	·03	·27						·02	·01	·07	24
25	·10		·08				·16					·01	25
26			·01	·04	·03		·88	·10				·18	26
27	·03						·02	·26			·02	·18	27
28	·01		·03		·35		·10	·44			·05	·23	28
29			·01		·06			1·57	·02		·01	·03	29
30		✕			·10		·06		·01			·20	30
31	·18	✕		✕	·06	✕		·27	✕	·11	✕	–	31
TOTAL	3·78 ~~3·85~~	·24 ~~·25~~	·71	·85	1·65	·59	2·02	6·28	1·21	2·86	2·42	1·47	YEAR'S TOTAL 24·08 ~~24·16~~
Days with ·01 in. or more	19	10	19	12	15	6	16	26	10	14	22 23	18	187 ~~188~~
Days with ·04 in. or more	14	1	4	7 8	12	4	9	19	4	9	11	9	103 ~~104~~

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3322

FORM A. 1. METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921.

Kept at Bothalhaugh Lawn

in the County of Northumberland

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05		·01					·94	·04				1
2	·20				·05			·06		·05	·10		2
3	·06	·02	·02				·01	·18		·20	·14		3
4	·12	·03	·17	·01		·10		·03		·04	·01	·08	4
5		·07	·12		·15		·01	·42			·79	·07	5
6		·01	·05		·25			·02		·01	·01	·02	6
7		·03		·01			·14	·02		·01	·01	·01	7
8	·03	·01			·10	·24		·14			·07		8
9	·07	·01						·20	·09				9
10	·48	·02			·09			·59	·08	·05			10
11	·14				·09			·22		·03	·11		11
12	1·18		·02	·13	·02	·06	·02	·27	·01				12
13			·01					·01	·89	·07	·01	·01	13
14			·01	·04	·25			·05	·02		·01	·02	14
15			·03	·03			·23		·02			·05	15
16	·08		·01	·01	·04		·03	·06			·06		16
17	·09		·02				·01	·01			·03		17
18			·02	·12				·01			·55	·25	18
19			·03		·01			·01	·03	·16	·03	·02	19
20						·03	·12	·23			·19	·02	20
21	·02		·03	·01		·03	·05	·10		·72	·13		21
22	·02			·06		·13	·17	·07		1·38	·07		22
23	·33	·02		·12			·01			·01	·01	·02	23
24	·59	·02	·03	·27						·02	·01	·07	24
25	·10		·08				·16					·01	25
26			·01	·04	·03		·88	·10				·18	26
27	·03						·02	·26			·02	·18	27
28	·01		·03		·35		·10	·44			·05	·23	28
29			·01		·06			1·57	·02		·01	·03	29
30		✕			·10		·06		·01			·20	30
31	·18	✕		✕	·06	✕		·27	✕	·11	✕	–	31
TOTAL	3·78 ~~3·85~~	·24 ~~·25~~	·71	·85	1·65	·59	2·02	6·28	1·21	2·86	2·42	1·47	YEAR'S TOTAL 24·08 ~~24·16~~
Days with ·01 in. or more	19	10	19	12	15	6	16	26	10	14	22 23	18	187 ~~188~~
Days with ·04 in. or more	14	1	4	7 8	12	4	9	19	4	9	11	9	103 ~~104~~

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3429

AIR MINISTRY.

FORM 1090 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

(*formerly B.R.O. Form A.1*).

REGISTER OF RAINFALL IN 1922.

Kept at Bothalhaugh

in the County of Northumberland

by Hon. + Rev W. C. Ellis

Lat. 55.10 Long. 1.39

Time of Observation 9 a.m.

Nearest Railway Station Pegswood

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 10 in.

" " " " Sea Level 130 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.02	.10	·	·	·	.02	.07	·	.30	·	·	.02	1
2	·	.50	.09	Snow .02	·	·	.01	.08	.01	.02	·	·	2
3	Snow .01	Snow .77	.04	Snow .06	.04	·	.01	.05	·	.28	Snow .26	·	3
4	·	Snow .04	.16	·	.06	·	.02	·	.01	.01	·	·	4
5	·	·	.17	·	·	·	1.57	·	·	.26	.36	.01	5
6	.11	·	.03	·	.01	·	.45	·	·	·	.11	·	6
7	.12	·	.03	.01	·	·	.01	.22	·	.01	·	.09	7
8	.04	·	.04	·	·	·	.35	.64	·	.05	·	.02	8
9	·	·	Hail .14	·	·	.06	.09	·	·	.03	04	.01	9
10	·	·	·	·	·	.06	·	·	·	.01	.04	·	10
11	·	·	·	·	·	·	·	·	·	·	·	·	11
12	·	·	·	.38	·	.39	.15	.17	.15	.03	·	·	12
13	Snow .14	Snow .01	·	.08	·	.05	.17	.01	1.01	·	·	.05	13
14	Snow .22	·	·	.50	·	.01	.18	·	.29	·	·	.03	14
15	Snow .20	.06	·	.03	·	·	56	.05	.06	·	·	.13	15
16	Snow .29	.07	.03	.01	.20	.01	.01	.17	.04	.01	·	.58	16
17	·	.38	·	·	.04	·	·	.02	.04	.02	·	.11	17
18	Snow .11	·	·	·	.02	.12	·	·	.02	.02	·	.02	18
19	.06	.09	.02	·	.11	·	·	·	·	.01	·	·	19
20	.01	·	Snow .15	·	·	·	·	.16	.31	.07	·	.76	20
21	.04	·	Snow .09	.06	.01	·	.04	.20	.51	.08	·	.08	21
22	.02	.15	Snow .04	.10	.09	.16	·	.06	.01	.05	·	.01	22
23	·	·	·	.03	.03	.20	·	·	·	.04	·	·	23
24	Snow .05	·	.12	·	·	.02	·	.03	·	.04	·	.03	24
25	.50	·	16	·	·	.08	.01	·	·	.06	.08	.06	25
26	.16	·	.01	Hail 16	·	·	.06	.01	.41	.23	Snow .03	.04	26
27	.32	.03	.24	.03	·	.11	·	.01	.11	Hail 04	.04	.12	27
28	.13	.15	Snow .06	.01	·	·	.14	.17	61	.22	·	.09	28
29	.07	.03	Snow .01	.02	·	.13	.12	·	·	.05	.01	.75	29
30	.02	×	Snow 18	.02	·	.01	.02	.05	.16	.11	.05	.19	30
31	.12	×	Snow .04	×	·	×	.04	·	×	.02	×		31
TOTAL	2.76	2.38	1.85	1.52	.61	1.43	4.08	2.10	4.04	1.77	1.02	3.20	YEAR'S TOTAL 26.76
Days with ·01 in. or more	22	13	21	16	10	15	21	17	17	25	10	21	208
Days with ·04 in. or more	17	10	15	7	6	10	14	12	13	14	8	13	139

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

MORPETH
BOTHALHAUGH
GARDENS
NORTHUMBERLAND

1921- 1922

3320

5 JAN 1922

FORM A. 1. **METEOROLOGIC** … **NIZATION.**

REGI…

Kept at Bothalhaug… 1 39
in the County of Northh… o'clock.
by Hon + Rev W. C. … Pegswood
Gauge 5 in.
Ground 1 ft. 16 in.
Sea Level 35 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05		01					96	04				1
2	20				05			06		05	11		2
3	06		02				01	18		22	14		3
4	·12	02	17	01		10		03		04	01	08	4
5		03	12		15		01	42			80	07	5
6		07	Snow 05		25		14	02		01	01	02	6
7		Hail 01		01				02		01	Snow 01	01	7
8	03	03			10	24		14			Snow 07		8
9	07	01						20	09				9
10	49	02			09			60	08	05			10
11	16				09			22		03	Snow ·10		11
12	1·25		02		02	06	02	28	01				12
13			01	Snow 15				01	88	07	01	01	13
14			01		25			05	02		01	02	14
15			03	Snow 04			25		02			05	15
16	08		01	Snow 03	04		03	06			05		16
17	12		02	01				01			03		17
18			02	Hail 12				01			55	25	18
19			03		01		01	01	03	16	03	02	19
20						03		24			Snow 19	02	20
21	02		03	01		03		10		73	14		21
22	02			06		13	12	07		1.42	07	01	22
23	34	02		12			05			01	01	03	23
24	60	02	03	27			17			02	01	07	24
25	10		08				01					01	25
26			01	04	03			10				18	26
27	03						17	26			02	18	27
28			Snow 02		35		87	45	01		05	Snow 24	28
29	01		01		07		02	1.60	02		01	03	29
30		X			09		10					21	30
31	20	X		X	06	X	06	27	X	10	X		31
TOTAL	3.95	.23	.70	.87	1.65	59	2.04	6.37	1·20	2.92	2.43	1.51	YEAR'S TOTAL 24.46
Days with ·01 in. or more	19	9	19	12	15	6	16	26	10	14	22	19	187
Days with ·04 in. or more	14	1	4	7	12	4	9	19	4	9	11	9	103

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3320

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921.

5 JAN 1922

Kept at Bothalhaugh [illegible]

in the County of Northumberland

by Hon + Rev W. C. Ellis

Lat. 55.10 Long. 1.39

Time of Observation 9 o'clock.

Nearest Railway Station Pegswood

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 10 in.

" " " " Sea Level 35 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05		01					96	04				1
2	20				05			06		05	11		2
3	·06		02				01	18		22	14		3
4	12	02	17	01		10		03		04	01	08	4
5		03	12		15		01	42			80	07	5
6		07	Snow 05		25		14	02		01	01	02	6
7		Hail 01		01				02		01	Snow 01	01	7
8	03	03			10	24		14			Snow 07		8
9	07	01						20	09				9
10	49	02			09			60	08	05			10
11	16				09			22		03	Snow ·10		11
12	1·25		02		02	06	02	28	01				12
13			01	Snow 15				01	88	07	01	01	13
14			01		25			05	02		01	02	14
15			03	Snow 04			25		02			05	15
16	08		01	Snow 03	04		03	06			05		16
17	12		02	01				01			03		17
18			02	Hail 12				01			55	25	18
19			03		01		01	01	03	16	03	02	19
20						03		24			Snow 19	02	20
21	02		03	01		03		10		73	14		21
22	02			06		13	12	07		1.42	07	01	22
23	34	02		12			05			01	01	03	23
24	60	02	03	27			17			02	07	07	24
25	10		08				01					01	25
26			01	04	03			10				18	26
27	03						17	26			02	18	27
28			Snow 02		35		87	45	01		05	Snow 24	28
29	01		01		07		02	1.60	02		01	03	29
30					09		10					21	30
31	20				06		06	27		10			31
Total	3.95	.23	.70	.87	1.65	59	2.04	6.37	1.20	2.92	2.43	1.51	Year's Total 24.46
Days with ·01 in. or more	19	9	19	12	15	6	16	26	10	14	22	19	187
Days with ·04 in. or more	14	1	4	7	12	4	9	19	4	9	11	9	103

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

K. Gdn.

3427

AIR MINISTRY.

FORM 1090 METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.
(formerly B.R.O. Form A.1).

REGISTER OF RAINFALL IN 1922.

Kept at Bothalhaugh Garden
in the County of Northumberland
by Hon + Rev. W. C. Ellis

Lat. 55·10 Long. 1·39
Time of Observation 9 a.m.
Nearest Railway Station Pegswood
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 10 in.
" " " " Sea Level 35 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.02	.10	-	·	·	.02	.07	·	.30	·	·	.02	1
2	·	.50	.09	Snow .02	·	·	.01	.08	.01	.02	·	·	2
3	Snow .01	Snow .78	.04	Snow .06	.04	·	.01	.05		.28	Snow .26	·	3
4	·	Snow .04	.16	·	.06	·	.02		.01	.01	·	·	4
5	·	·	.17	·		·	1.55		·	.26	.36	.01	5
6	.11	·	.03	·	.01	·	.47		·	·	.11	·	6
7	.12	·	.03	.01	·	·	.01	.22	·	.01		.09	7
8	.04	·	.04	·	·	·	.35	.64	·	.05		.02	8
9	·	·	Hail .14	·	·	.06	.09		·	.03	.04	.01	9
10	·	·		·	·	.06	·		·	.01	.04	·	10
11	·	·		·	·	·	·		·	·	·	·	11
12	·	·		.38	·	.39	.15	.17	.15	.03	·	·	12
13	Snow .15	Snow .01		.08	·	.05	.17	.01	1.03	"	·	.05	13
14	Snow .22	·		.50	·	.01	.18		.30	·	·	.03	14
15	Snow .20	.06		.03	·	·	.56	.05	.06	·	·	.13	15
16	Snow .29	.07	.03	.01	.20	.01	.01	.17	.04	.01	·	.58	16
17	·	.39		·	.04	·	·	.02	.04	.02	·	.11	17
18	Snow 11	·		·	.02	.12	·	·	.02	.02	·	.02	18
19	Snow .06	.09	Snow .02	·	.11	·	·	·	·	.01	·	·	19
20	.01	·	Snow .15	·	·	·	·	.16	.31	.07	·	.76	20
21	.04	·	Snow .10	.06	.01	·	.04	.20	.52	.08	·	.08	21
22	.02	.15	Snow .04	.10	.09	.16		.06	.01	.05	·	.01	22
23	·	·	·	.03	.03	.20		·	·	.04	·	·	23
24	Snow .05	·	.12		·	.02		.03	·	.04	·	.03	24
25	.51	·	.16		·	.08	.01	·	·	.06	.08	.06	25
26	.16	.03	.01	Hail .17	·	·	.06	.01	.41	.24	Snow .03	.04	26
27	.33	.15	.25	.03	·	.11	·	.01	.11	Hail .04	.04	.12	27
28	.13	.03	Snow .06	.01	·	·	.14	.17	.63	.23		.09	28
29	.07		Snow .01	.02	·	.13	.12	·	·	.05	.01	.76	29
30	.02		Snow .19	.02	·	.01	.02	.05	.15	.11	.06	.19	30
31	.12		Snow .04		·		.04	·		.02		·	31
TOTAL	2.79	2.40	1.88	1.53	.61	1.43	4.08	2.10	4.10	1.79	1.02	3.21	YEAR'S TOTAL 26.94
Days with ·01 in. or more	22	13	21	16	10	15	21	17	17	25	10	21	208
Days with ·01 in. or more	17	10	15	7	6	10	14	12	13	14	8	13	139

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

3325

3587

1 FEB 1922

MORPETH.

—

COCKLE PARK

NORTHUMBERLAND.

1921 - 1930

FORM A. 1. METEOROLOGICAL ORGANIZATION.

REGISTE 921.

Kept at Cockle Pa

in the County of Northum

by M. R. Pitman

ng 1° 41' W

9 H & 21 H

on Morpeth

Rain Gauge 8 in.

above Ground — ft. 12 in.

„ Sea Level 325 ft.

IMPORTANT NOTE.—Rain shou lt entered to the previous day. If an Observer prefers not to conform requested to add the reading at 9 a.m. on 1st January o it at the end of this paragraph. Full instructions for th g of rain gauges, and particulars as to the British Rain *ainfall Observers,"* sent post-free on application to THE ion, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
21	in.	in.	in.	in.	in.	in.	in.	in.	in.		in.	in.	
1	.05	—	—	—	—	—	—	·94	·08	Trace	—	—	1
2	.20	—	—	—	.08	—	—	·09	Trace	Trace	.10	—	2
3	·07	Trace	·04	—	—	—	·01	·08	—	·27	·15	—	3
4	·15	·02	·19	—	·02	—	—	.04	—	·03	·03	·06	4
5	—	·04	·12	·01	·07	—	Trace	·46	—	Trace	·75	·04	5
6	~~Trace~~	·08	.05	—	.20	—	·13	·02	Trace	·05	—	·03	6
7	~~Trace~~	·01	—	Trace	Trace	—	—	·05	T	Trace	—	Trace	7
8	·03	·04	—	—	.52	·15	—	—	—	T —	·06	·01	8
9	·11	Trace	—	—	—	Trace	—	·17	·10	·01	—	Trace	9
10	·56	.02	—	—	Trace	—	—	·59	·24	·02	—	—	10
11	·23	Trace	—	—	·06	—	—	·21	—	Trace	·10	—	11
12	1.23	—	Trace	—	Trace	·04	—	·29	·05	—	—	—	12
13	—	—	·01	·15	·03	—	—	—	1·01	·11	·10	·03	13
14	—	Trace	·01	—	·21	—	Trace	·04	·02	—	·03	·03	14
15	—	—	05	·01	—	—	·21	—	—	—	Trace	·05	15
16	·21	—	·05	·07	.03	—	·01	·14	—	—	·07	—	16
17	·04	—	·02	Trace	—	—	—	·01	—	—	·02	Trace	17
18	—	—	·03	·07	—	—	·01	Trace	—	—	·65	·23	18
19	—	—	·03	—	—	—	—	Trace	.01	·17	·04	·04	19
20	—	—	—	—	—	·03	—	·26	Trace	—	·22	·03	20
21	·03	Trace	·03	Trace	—	·03	Trace	·23	—	·71	·21	—	21
22	·39	—	—	·06	—	·08	·24	·18	—	1·46	·09	Trace	22
23	·69	·03	·01	.05	—	—	·04	—	—	Trace	—	·07	23
24	·10	·01	·02	·30	—	—	·18	—	—	·02	—	·06	24
25		—	·08	Trace	—	—	Trace	—	—	Trace	—	Trace	25
26	Trace	—	·01	·07	.03	—	—	·09	—	—	—	·23	26
27	·03	Trace	Trace	—	·04	—	·25	·27	—	—	·01	·18	27
28	Trace	—	·06	—	·28	—	·75	·63	·02	—	·02	·04	28
29	·02	X	·01	—	·08	—	·01	1·37	·02	—	·01	—	29
30	—	X	—	—	·20	—	·08	—	—	—	Trace	·25	30
31	·24	X	—	X	·05	X	04	·22	X	·10	X	Trace	31
99 TOTAL	4·47	·25	·82	·79	1·90	·33	1·96	6·38	1.55	2·95	2·66	1·38	YEAR'S TOTAL 25·44
Days with ·01 in. or more	4	5	10	2	4	2	4	2	4	4	6	5	52
Days with ·04 in. or more	14	3	8	7	11	3	9	20	5	7	12	11	110

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3325

3587

1 FEB 1922

FORM A. 1. METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921.

Kept at Cockle Park
in the County of Northumberland
by M. R. PITMAN (PASI.)

Lat. 55° 13′ N Long. 1° 41′ W
Time of Observation 9 A & 21 H
Nearest Railway Station Morpeth
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground – ft. 12 in.
" " " " Sea Level 325 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
21	in.	in.	in.	in.	in.	in.	in.	in.	in.		in.	in.	
1	.05	—	—	—	—	—	—	·94	·08	Trace	—	—	1
2	·20	—	—	—	·08	—	—	·09	Trace	Trace	·10	—	2
3	·07	Trace	·04	—	—	—	·01	·08	—	·27	·15	—	3
4	·15	·02	·19	—	·02	—	—	.04	—	·03	·03	·06	4
5	—	·04	·12	·01	·07	—	Trace	·46	—	Trace	·75	·04	5
6	~~Trace~~	·08	·05	—	·20	—	·13	·02	Trace	·05	—	·03	6
7	~~Trace~~	·01	—	Trace	Trace	—	—	·05	T	Trace	—	Trace	7
8	·03	·04	—	—	·52	·15	—	—	—	—	·06	·01	8
9	·11	Trace	—	—	—	Trace	—	·17	·10	·01	—	Trace	9
10	·56	·02	—	—	Trace	—	—	·59	·24	·02	—	—	10
11	·23	Trace	—	—	·06	—	—	·21	—	Trace	·10	—	11
12	1·23	—	Trace	—	Trace	·04	—	·29	·05	—	—	—	12
13	—	—	·01	·15	·03	—	—	—	1·01	·11	·10	·03	13
14	—	Trace	·01	—	·21	—	Trace	·04	·02	—	·03	·03	14
15	—	—	05	·01	—	—	·21	—	—	—	Trace	·05	15
16	·21	—	·05	·07	.03	—	·01	·14	—	—	·07	—	16
17	·04	—	·02	Trace	—	—	—	·01	—	—	·02	Trace	17
18	—	—	·03	·07	—	—	·01	Trace	—	—	·65	·23	18
19	—	—	·03	—	—	—	—	Trace	.01	·17	·04	·04	19
20	—	—	—	—	—	·03	—	·26	Trace	—	·22	·03	20
21	·03	Trace	·03	Trace	—	·03	Trace	·23	—	·71	·21	—	21
22	·39	—	—	·06	—	·08	·24	·18	—	1·46	·09	Trace	22
23	·69	·03	·01	.05	—	—	·04	—	—	Trace	—	·07	23
24	·10	·01	·02	·30	—	—	·18	—	—	·02	—	·06	24
25		—	·08	Trace	—	—	Trace	—	—	Trace	—	Trace	25
26	Trace	—	·01	·07	.03	—	—	·09	—	—	—	·23	26
27	·03	Trace	Trace	—	·04	—	·25	·27	—	—	·01	·18	27
28	Trace	—	·06	—	·28	—	·75	·63	·02	—	·02	·04	28
29	·02	×	·01	—	·08	—	·01	1·37	·02	—	·01	—	29
30	—	×	—	—	·20	—	·08	—	—	—	Trace	·25	30
31	·24	×	—	×	·05	×	04	·22	×	·10	×	Trace	31
99 TOTAL	4·47	·25	·82	·79	1·90	·33	1·96	6·38	1·55	2·95	2·66	1·38	YEAR'S TOTAL 25·44
Days with ·01 in. or more	4	5	10	2	4	2	4	2	4	4	6	5	52
Days with ·04 in. or more	14	3	8	7	11	3	9	20	5	7	12	11	110

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3325

3587

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921.

Kept at Cockle Park

in the County of Northumberland

by Met. Observer, for the Northumberland County Council

Lat. 53°13'N Long. 1°41'W

Time of Observation 9h G.M.T.

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground 1 ft. - in.

" " " " Sea Level 325 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
21	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·05	-	-	-	-	-	-	0·94	0·08	-	-	-	1
2	0·20	-	-	-	0·08	-	-	0·09	-	-	0·10	-	2
3	0·07	-	0·04	-	-	-	0·01	0·08	-	0·27	0·15	-	3
4	0·15	0·02	0·19	-	0·02	-	-	0·04	-	0·03	0·03	0·06	4
5	-	0·04	0·12	0·01	0·07	-	-	0·46	-	-	0·75	0·04	5
6	-	0·08	0·05	-	0·20	-	0·13	0·02	-	0·05	-	0·03	6
7	-	0·01	-	-	-	-	-	0·05	-	-	-	-	7
8	0·03	0·04	-	-	0·52	0·15	-	-	-	-	0·06	0·01	8
9	0·11	-	-	-	-	-	-	0·17	0·10	0·01	-	-	9
10	0·56	0·02	-	-	-	-	-	0·59	0·24	0·02	-	-	10
11	0·23	-	-	-	0·06	-	-	0·21	-	-	0·10	-	11
12	1·32	-	-	-	-	0·04	-	0·29	0·05	-	-	-	12
13	-	-	0·01	0·15	0·03	-	-	-	1·01	0·11	0·10	0·03	13
14	-	-	0·01	-	0·21	-	-	0·04	0·02	-	0·03	0·03	14
15	-	-	0·05	0·01	-	-	0·21	-	-	-	-	0·05	15
16	0·21	-	0·05	0·07	0·03	-	0·01	0·14	-	-	0·07	-	16
17	0·04	-	0·02	-	-	-	-	0·01	-	-	0·02	-	17
18	-	-	0·03	0·07	-	-	0·01	-	-	-	0·65	0·23	18
19	-	-	0·03	-	-	-	-	-	0·01	0·17	0·04	0·04	19
20	-	-	-	-	-	0·03	-	0·26	-	-	0·22	0·03	20
21	0·03	-	0·03	-	-	0·03	-	0·23	-	0·71	0·21	-	21
22	-	-	-	0·06	-	0·08	0·24	0·18	-	1·46	0·09	-	22
23	0·39	0·03	0·01	0·05	-	-	0·04	-	-	-	-	0·07	23
24	0·69	0·01	0·02	0·30	-	-	0·18	-	-	0·02	-	0·06	24
25	0·10	-	0·08	-	-	-	-	-	-	-	-	-	25
26	Trace	-	0·01	0·07	0·03	-	-	0·09	-	-	-	0·23	26
27	0·03	-	-	-	0·04	-	0·25	0·27	-	-	0·01	0·18	27
28	Trace	-	0·06	-	0·28	-	0·75	0·63	0·02	-	0·02	0·04	28
29	002	X	0·01	-	0·08	-	0·01	1·37	0·02	-	0·01	-	29
30	-	X	-	-	0·20	-	0·08	-	-	-	-	0·25	30
31	0·24	X	-	X	0·05	X	0·04	0·22	X	0·10	X	-	31
99 TOTAL	4·47	0·25	0·82	0·79	1·90	0·33	1·96	6·38	1·55	2·95	2·66	1·38	YEAR'S TOTAL 2544 ✓
Days with ·01 in. or more	18	8	18	9	15	5	13	22	9	11	18	16	162
Days with ·04 in. or more	14	3	8	7	11	3	9	20	5	7	12	11	110

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

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ta DYB

3432

3587

AIR MINISTRY.

FORM 1090 METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

(fo[illegible] B.R.O. Form A.1).

REGISTER OF RAINFALL IN 1922.

Kept at Cockle Park

in the County of Northumberland

by The Meteorological Observer for the Northumberland County Council

Lat. 55° 13 Long. 1° 41' W

Time of Observation 9h

Nearest Railway Station /

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 325 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
22	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.01	0.08	-	0.01	-	0.01	0.15	-	·42	-	-	·01	1
2	-	0.58	0.10	-	0.11	-	·04	·06	·05	-	-	-	2
3	-	0.73	0.04	0.06	0.03	-	-	-	-	·24	·17	-	3
4	-	0.07	0.22	-	0.06	-	-	-	·01	-	-	-	4
5	-	-	0.13	-	-	-	1·55	-	-	·20	·39	-	5
6	0.12	-	0.03	-	0.02	-	·37	-	·01	-	·08	-	6
7	0.12	-	0.04	-	-	-	-	·23	-	-	-	·08	7
8	0.04	-	0.04	-	-	-	·43	·71	-	·02	-	-	8
9	0.03	-	0.10	-	-	0.03	·13	·01	-	·06	·03	-	9
10	-	-	-	-	-	0.01	-	-	-	-	·04	-	10
11	-	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	0.41	-	0.41	·19	·19	·06	-	-	-	12
13	0.20	0.01	-	0.12	-	0.03	·19	-	1·17	-	-	·13	13
14	0.05	-	-	0.59	-	-	·10	-	·29	-	-	-	14
15	0.49	0.03	-	0.03	-	-	·55	·05	·03	-	-	·03	15
16	0.39	0.08	0.02	0.01	0.19	-	·02	·14	·05	·01	-	·61	16
17	0.05	0.34	-	-	0.01	-	-	·02	·06	-	-	·11	17
18	0.12	-	-	-	0.01	0.15	-	-	·01	·03	-	-	18
19	0.09	0.09	0.03	-	-	-	-	-	-	·02	-	·02	19
20	-	-	0.12	-	-	-	-	·12	·32	·11	-	·85	20
21	0.06	0.01	0.08	0.03	-	0.11	·04	·15	·48	·08	-	·14	21
22	0.02	0.19	0.10	0.08	0.05	0.11	-	·05	-	·08	-	·02	22
23	-	-	-	0.08	-	0.21	-	-	-	·04	-	-	23
24	0.07	-	0.18	-	-	0.01	-	·03	·01	·02	-	·03	24
25	0.52	-	0.20	-	-	0.09	-	-	-	-	·11	·04	25
26	0.13	0.04	0.03	0.19	-	-	·06	·02	·39	·21	·02	·04	26
27	0.37	0.11	0.31	0.05	-	0.07	-	-	·07	·02	·05	·10	27
28	0.20	0.09	0.07	-	-	-	·18	·20	·60	·26	-	·09	28
29	0.08	X	0.03	0.01	-	0.04	·13	-	-	·04	·02	·74	29
30	0.09	X	0.22	0.04	-	-	·08	·03	·16	·18	·06	·30	30
31	0.06	X	0.03	X	-	X	·05	-	X	·03	X	-	31
99 TOTAL	3.31	2.45	2.12	1.71	0.48	1.28	4.26	2.01	4.19	1.65	0.97	3.34	YEAR'S TOTAL 27·77 ✓
Days with ·01 in. or more	22	14	21	14	8	13	17	15	18	18	10	17	18[illegible]
Days with ·04 in. or more	19	11	15	9	4	8	16	10	13	11	7	12	135

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Section **A** for the entry of Daily Observations

Station No. 3587

BRITISH RAINFALL ORGANIZATION—METEOROLOGICAL OFFICE—AIR MINISTRY

FORM 1090

REGISTER OF RAINFALL IN 19~~2~~23

Kept at Cockle Park

in the County of Northumberland

Diameter of funnel of gauge.................in.

Height of top of gauge above ground..............ft..............in.

Height of ground above sea level..............ft.

Jan. 1, following

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
23	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·12	·13	·24	·11	—	—	·02	·37	·17	—	—	·17		1
2	·07	·02	·01	·14	—	—	—	·19	·10	—	·01	·04		2
3	·01	·06	·23	—	—	·13	—	—	·19	·32	·14	·01		3
4	—	—	—	—	—	·02	—	—	—	·04	·04	·15		4
5	·05	—	·10	—	·09	·01	—	·07	—	—	·22	·30		5
6	·10	·05	·02	·01	—	·01	—	·24	·02	—	·14	—		6
7	·02	·17	·07	·01	—	—	·13	·01	—	—	—	·04		7
8	·14	·03	·12	—	—	—	—	·22	—	·15	·06	—		8
9	·11	·25	—	·40	·31	·02	·19	—	—	·04	·10	—		9
10	—	·30	·02	·44	·16	—	·17	—	—	·12	—	·05		10
11	·03	·10	·01	—	·17	—	—	—	—	—	·05	—		11
12	—	·13	·05	·15	·01	·14	—	·32	·11	·15	·77	·04		12
13	·05	·14	—	·14	·09	—	—	—	·07	·02	·13	—		13
14	—	·06	—	—	·17	—	—	—	—	—	—	—		14
15	—	·54	—	—	·35	·18	·01	—	—	—	·34	·04		15
16	—	·07	—	—	·14	·02	—	·25	—	·05	·13	—		16
17	—	·02	—	—	—	·05	—	·04	·32	—	—	—		17
18	—	·24	—	—	·09	—	·03	—	·18	·09	·01	—		18
19	·01	—	—	—	·07	·02	·13	·09	·10	—	·10	·05		19
20	—	·08	—	—	—	—	·02	·26	·16	·09	·41	·04		20
21	—	·06	—	—	—	—	—	·02	·14	·01	·11	·53		21
22	·08	—	—	—	·03	—	·09	·06	—	·05	·01	·01		22
23	—	·10	—	·05	·01	—	—	·27	·05	·24	·06	—		23
24	—	·16	—	·24	·06	·13	·09	·03	·22	·07	—	·03		24
25	—	·36	—	·04	·11	—	—	—	·10	·10	·01	·37		25
26	—	·52	—	·05	·05	—	—	·11	—	·15	—	·01		26
27	—	·13	·10	—	·05	—	·11	·02	·03	·34	·13	·07		27
28	—	·25	·13	·04	—	—	·16	—	—	—	·17	·05		28
29	·58	X	·01	·02	·01	—	·35	1·30	—	·31	·25	·32		29
30	·01	X	—	—	·01	—	·27	—	—	·01	·21	·12		30
31	—	X	·34	X	·02	X	·01	·13	X	·01	X	·03		31
99 TOTAL	1·38	3·97	1·45	1·84	2·00	0·73	1·78	4·00	1·96	2·36	3·60	2·47	Year's Total 27·54	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side.   †Spare column, no entries required, except year's total.

(*Signed*).. (P.T.O.)

3270

FOR OFFICIAL USE.

9 JAN

County No.
River Dist.
Station No. 3587

FORM 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Cockle Park
in the County of Northumberland
by Record Keeper, Northd. County Council

Lat. 55°13' N Long. 1°41 W
Time of Observation 9 hrs.
Nearest Railway Station Morpeth
Diameter of Funnel of Rain Gauge 8 inch in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 325 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
24 1	Trace	–	–	–	·02	·52	·21	·03	–	–	·03	–	1 WRR
2	·09	–	–	–	·07	–	Trace	·13	–	–	·23	·41	2 EVS
3	–	–	–	·07	·05	Trace	·72	Trace	–	·07	–	·03	3
4	Trace	–	–	Trace	·25	–	·11	Trace	–	·15	–	·74	4
5	–	–	–	–	·03	·24	·28	–	·05	1·38	–	·07	5
6	–	–	–	–	·49	·12	·18	–	·09	·23	–	–	6
7	–	–	–	–	·08	·55	·01	–	·53	–	·02	Trace	7
8	·03	–	–	–	·25	·31	Trace	–	·07	–	·10	·10	8
9	Trace	·18	–	·09	·25	·07	–	–	·08	·05	–	Trace	9
10	–	·14	–	Trace	–	·09	·14	–	Trace	·03	Trace	·03	10
11	·37	·24	Trace	–	Trace	·13	·05	–	·07	–	·05	–	11
12	·20	·08	Trace	–	·16	·04	–	·44	·03	·01	Trace	–	12
13	·07	–	–	·11	·02	–	Trace	·16	·03	·01	Trace	·22	13
14	Trace	–	–	·01	·05	Trace	–	Trace	Trace	Trace	·07	·07	14
15	Trace	·05	–	–	·07	Trace	·04	–	·09	–	–	·21	15
16	–	·07	–	–	·11	–	·07	·02	·02	Trace	–	Trace	16
17	–	·11	–	–	–	·04	Trace	·64	Trace	–	·04	–	17
18	·57	·03	–	–	·39	·03	·31	–	–	·13	·02	Trace	18
19	·05	–	·05	–	·26	·02	·38	·07	·79	Trace	–	–	19
20	Trace	–	Trace	–	·08	·03	·37	·21	·10	–	–	–	20
21	·48	Trace	·05	–	·04	·01	·03	·14	·15	·05	Trace	–	21
22	·58	·02	·27	–	·03	–	·10	·12	·43	–	·02	·02	22
23	·04	·05	·37	·16	–	Trace	Trace	·43	·08	Trace	·04	·05	23
24	–	·04	·10	·19	·06	–	·55	·14	–	–	–	·01	24
25	–	·16	·07	·13	·13	Trace	·12	–	·14	·04	·07	·15	25
26	·04	·02	·01	·41	·01	–	–	Trace	–	·53	·19	·09	26
27	–	·11	–	·44	Trace	–	·07	Trace	–	·06	·28	·04	27
28	·07	·02	–	·03	–	·01	1·61	·10	Trace	·08	·08	·02	28
29	–	–	–	Trace	·01	·05	·14	·10	·03	·35	·01	·13	29
30	–	×	–	–	·37	–	·41	Trace	·06	·24	Trace	·03	30
31	–	×	·03	×	2·84	×	·02	–	×	·03	×	·02	31
99 TOTAL	2·53	1·26	·95	1·64	6·12	2·26	5·86	2·67	2·78	3·38	1·19	2·38	YEAR'S TOTAL 33·02
Days with ·01 in. or more.	12	15	8	10	25	16	22	14	18	17	15	19	191
Days with ·04 in. or more	10	10	6	8	19	11	18	11	13	12	9	11	138

Section **A** for the entry of Daily Observations

Station No. 3587

BRITISH RAINFALL ORGANIZATION—METEOROLOGICAL OFFICE—AIR MINISTRY

FORM 1090

REGISTER OF RAINFALL IN 19~~X~~25

3307

Kept at Cockle Park

in the County of Northumberland

Diameter of funnel of gauge 8 in.

Height of top of gauge above ground 1 ft. 0 in.

Height of ground above sea level 331 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
25	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·34	—	·25	—	·48	—	—	·29	—	—	·15	·10		1
2	·06	—	·02	·19	—	—	·08	·01	·01	—	·02	·19		2
RP 3	·35	—	·01	—	—	—	·04	02 ~~·12~~	·17	·26	·29	—		3
4	0·3	—	—	—	·34	—	—	—	—	—	·04	—		4
5	—	—	—	·29	·25	—	—	·04	—	—	·01	—		5
6	—	·02	—	·16	—	·05	·09	·20	—	—	·03	·02		6
7	—	·01	·01	·06	·02	—	·03	·15	·11	·04	·18	—		7
8	0·3	·13	·02	·21	·23	—	—	·60	·02	—	·11	·15		8
9	—	·02	—	—	·01	—	·08	·01	·99	—	—	·10		9
10	—	·39	·14	—	—	—	—	·02	—	—	·07	—		10
11	—	·41	·04	—	·04	—	—	—	·09	—	—	·17		11
RP 12	—	·12	—	·12	02	—	—	·13	—	·05	—	—		12
13	—	·13	—	·02	—	—	—	·16	0·1	—	—	—		13
14	—	·40	·03	·15	—	—	—	—	—	—	—	·09		14
15	—	·24	—	·08	·01	—	—	—	·12	—	—	·10		15
16	—	·15	·02	·02	—	—	—	—	·01	·19	—	·13		16
17	—	·19	—	·07	—	—	—	—	·05	·01	—	·10		17
18	—	·02	—	·40	·02	—	—	—	—	·03	—	·59		18
19	—	·07	·23	—	·06	—	—	—	·68	·15	—	·47		19
20	—	—	·17	—	·01	—	·31	—	·01	·42	—	·63		20
21	—	·06	·07	—	—	—	—	·29	·02	·07	—	·54		21
22	—	—	·02	·06	—	—	—	·84	·73	·33	—	—		22
23	·07	·08	—	—	·35	—	—	·05	·03	·03	·02	—		23
24	·01	·18	·07	·03	1·16	—	—	—	—	—	·01	—		24
25	·01	·20	·27	·02	·10	—	·54	—	·37	—	·08	·66		25
26	·15	·16	—	·35	·15	·01	·12	·03	·04	·10	·10	·01		26
27	—	·08	—	·01	·14	—	·83	·03	—	—	·25	·59		27
28	·12	·12	—	—	·05	—	·03	—	—	·26	·33	·03		28
29	·22	X	—	·69	·07	—	—	—	—	·12	·09	·35		29
30	·01	X	—	·52	·01	·08	·21	·01	—	—	·28	·23		30
31	·01	X	·19	X	·01	X	—	—	X	·02	X	·09		31
99 TOTAL	1·41	3·18	1·56	3·45	3·53	·14	2·36	2·98 ~~2·08~~	3·46	2·08	2·06	5·34	Year's Total 31·45	~~31·45~~
*Days with .01 in. or more.	13	21	16	19	21	3	11	17	17	15	17	21	191	
*Days with .04 in. or more.	7	17	9	14	13	2	9	10	10	11	12	18	132	

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except year's total.

(*Signed*).. (P.T.O.)

Section **A** for the entry of Daily Observations. Corrected by Form 2302 AEB

FOR OFFICIAL USE.

3587
3307

FORM 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Cockle Park

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

„ Ground „ Sea Level 331 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
25	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·34	—	·25	Trace	~~·04~~ ·48	Trace	—	·29	—	—	·15	·10	1
2	·06	—	·02	·19	~~·40~~ Trace	Trace	·08	·01	·01	—	·02	·19	2
3	·35	~~Trace~~	·01	Trace	~~Trace~~	Trace	·04	·02	·17	·26	·29	Trace	3
4	·03	~~Trace~~	—	Trace	~~Trace~~ ·34	—	—	Trace	—	—	·04	—	4
5	~~Trace~~	~~Trace~~	—	·29	·25	—	—	·04	Trace	—	·07	—	5
6	~~Trace~~	·02	—	·16	~~·06~~ Trace	·05	·09	·20	—	Trace	·03	·02	6
7	—	·07	·07	·06	~~Trace~~ ·02	Trace	·03	·15	·11	·04	·18	Trace	7
8	·03	·13	·02	·21	·23	—	—	·60	·02	—	·11	·15	8
9	~~Trace~~	·02	—	—	·02	—	·08	·91	·99	—	Trace	·10	9
10	—	·39	·14	—	~~·35~~	Trace	—	·02	Trace	—	·07	Trace	10
11	—	·41	·04	—	·04	—	—	—	·09	—	Trace	·17	11
12	~~Trace~~	·12 12	Trace	·12	~~·02~~	—	—	·13	Trace	·05	—	Trace	12
13	~~Trace~~	·130 13	Trace	·02	Trace ~~·04~~	Trace	—	·16	·01	Trace	—	Trace	13
14	—	·8·40	·03	·15	~~·5~~	—	—	—	Trace	—	—	·09	14
15	~~Trace~~	·24	Trace	·08	·07	—	—	Trace	·12	—	—	·10	15
16	~~Trace~~	·15	·02	·02	—	—	—	Trace	·07	·19	Trace	·13	16
17	~~Trace~~	·19	Trace	·07	Trace	—	—	Trace	·05	·07	—	·10	17
18	~~Trace~~	·02	—	·40	·02	—	—	—	Trace	·03	Trace	·59	18
19	~~Trace~~	·07	·23	Trace	·06	Trace	—	—	·68	·15	Trace	·47	19
20	—	—	·17	Trace	·07	—	·31	Trace	·07	·42	Trace	·63	20
21	—	·06	·07	—	—	—	Trace	·29	·02	·07	Trace	·54	21
22	~~·01~~	Trace	·02	·06	—	—	—	·84	·73	·33	Trace	Trace	22
23	·07	·08	—	Trace	·35	Trace	Trace	·05	·03	·03	·02	Trace	23
24	·01	·18	·07	·03	1·16	~~·0~~	Trace	Trace	Trace	Trace	·01	—	24
25	·07	·20	·27	·02	·10	—	·54	—	·37	Trace	·08	·66	25
26	·15	·16	Trace	·35	·15	·01	·12	·03	·04	~~Trace~~ ·10	·10	·07	26
27	—	·08	Trace	·01	·14	—	·83	·03	—	Trace	·25	·59	27
28	·12	·12	Trace	—	·06	—	·03	Trace	Trace	·26	·33	·03	28
29	·22	—	—	·69	·07	—	Trace	—	—	~~Trace~~ ·12	·29	·35	29
30	·07	✕	Trace	·52	·07	·08	·21	·07	—	Trace	·28	·23	30
31	·07	✕	·19	✕	·07	✕	Trace	Trace	✕	·02	✕	·09	31 799
99 TOTAL	1·31 4	3·18	1·56	3·45	3·53	·14	2·36	2·88	3·46	2·08	2·06	5·34	YEAR'S TOTAL 31·45
Days with ·01 in. or more.	13	21	16	19	21	3	11	17	17	15	17	21	191
Days with ·04 in. or more.	7	17	9	14	13	2	9	10	10	11	12	18	132

(Signed) A Logan Wood 31·45 [P.T.O.

Section **A** **for the entry of Daily Observations.**

√√√ 9ow
G.A.W.B.

FOR OFFICIAL USE.

3307
3587

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1926.

Kept at Cockle Park
in the County of Northumberland
Diameter of Funnel of Gauge eight in.
Height of top of Gauge above Ground 1 ft. — in.
" Ground " Sea Level 325 ft.

Corr by MWR

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
26	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·19	·01	—	~~Trace~~	—	—	—	—	·03	·19	·48	·07	1
2	·01	·28	—	~~Trace~~	—	—	—	—	~~Trace~~	·01	·25	·03	2
3	·44	—	·10	~~Trace~~	—	—	—	—	—	~~Trace~~	—	~~Trace~~	3
4	—	·07	·06	—	·01	—	—	—	—	·01	·17	~~Trace~~	4
5	·06	·45	~~Trace~~	—	~~Trace~~	~~Trace~~	·05	·23	—	·02	·01	·13	5
6	·17	·42	·02	—	·09	~~Trace~~	1·40	·13	—	·03	·05	~~Trace~~	6
7	·12	·39	—	~~Trace~~	~~Trace~~	·12	~~Trace~~	~~Trace~~	~~Trace~~	—	~~Trace~~	~~Trace~~	7
8	·05	·21	~~Trace~~	~~Trace~~	—	·10	—	—	·15	·39	·38	—	8
9	~~Trace~~	·03	·08	~~Trace~~	·21	·94	·03	~~Trace~~	·05	·10	~~Trace~~	—	9
10	—	·17	—	~~Trace~~	·08	·24	—	·10	—	·04	·17	~~Trace~~	10
11	~~Trace~~	·20	~~Trace~~	~~Trace~~	·02	·12	~~Trace~~	·11	·05	·02	·23	~~Trace~~	11
12	—	·11	—	~~Trace~~	·09	·12	—	·03	·15	·54	~~Trace~~	~~Trace~~	12
13	·02	·01	~~Trace~~	—	·09	·02	—	·06	·04	·22	·07	·16	13
14	·01	·29	—	·15	·01	·32	—	·04	·31	—	·04	·05	14
15	·08	·02	—	·05	~~Trace~~	·40	~~Trace~~	·28	—	~~Trace~~	·01	·01	15
16	·23	·07	—	—	~~Trace~~	·17	~~Trace~~	·18	·07	·10	·30	~~Trace~~	16
17	~~Trace~~	—	·03	·08	~~Trace~~	—	~~Trace~~	~~Trace~~	—	~~Trace~~	—	~~Trace~~	17
18	·09	·01	~~Trace~~	—	—	—	1·49	·33	·01	~~Trace~~	·73	—	18
19	·35	·12	·12	·14	—	·01	1·04	·08	1·30	~~Trace~~	·01	·01	19
20	—	~~Trace~~	·03	~~Trace~~	·25	·03	·04	·23	·28	~~Trace~~	·09	·01	20
21	~~Trace~~	·16	·12	·04	·31	~~Trace~~	·03	·09	~~Trace~~	·10	·02	·05	21
22	·30	·02	·05	·05	·01	·14	·01	~~Trace~~	~~Trace~~	·05	·34	·01	22
23	~~Trace~~	~~Trace~~	~~Trace~~	~~Trace~~	~~Trace~~	·15	·30	·03	·10	~~Trace~~	·02	~~Trace~~	23
24	·05	~~Trace~~	—	·01	·09 7	~~Trace~~	·29	~~Trace~~	~~Trace~~	·55	~~Trace~~	·09	24
25	·06	—	—	·55	·05	—	·01	—	·01	·15	·34	·02	25
26	·03	·17	·04	·05	·50	~~Trace~~	~~Trace~~	—	·29	·16	·03	~~Trace~~	26
27	·01	·07	~~Trace~~	·10	·01	·22	·35	—	—	—	·06	·03	27
28	·27	—	~~Trace~~	·11	·15	~~Trace~~	·24	—	—	·46	·26	~~Trace~~	28
29	·18	×	·01	·01	·25	—	~~Trace~~	—	—	·10	·28	~~Trace~~	29
30	~~Trace~~	×	—	·01	·01	·02	—	·12	·18	·35	·02	~~Trace~~	30
31	·18	×	~~Trace~~	×	·01	×	~~Trace~~	~~Trace~~	×	~~Trace~~	×	—	31
99 TOTAL	2·90	3·28	·66	1·35	2·22	3·12	5·28	2·04	3·02	3·59	4·36	·67	YEAR'S TOTAL 32·49
Days with ·01 in. or more.	21	21	11	13	19	16	13	15	15	20	24	13	201
Days with ·04 in. or more.	16	15	7	10	12	12	9	13	12	15	17	6	144

32·44
32·49

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) A. Logan Wood.

[P.T.O.

3293

3587

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

Kept at Cockle Park

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground — ft. 12 in.

" Ground " Sea Level 325 ft.

390

d MWK

906 sent re Oct 30. 17/1/28

Reading on Oct 28 confirmed by obs.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

RP

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
27	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·05	·02	·04	—	·08	·04	~~Trace~~	·01	·19	·20	—	1
2	·02	~~Trace~~	·12	·25	·16	·01	~~Trace~~	—	~~Trace~~	~~Trace~~	·15	—	2
3	~~Trace~~	—	·08	·01	·01	—	·11	—	~~Trace~~	—	·04	·05	3
4	·01	—	·13	·28	·44	·04	·08	—	—	—	~~Trace~~	—	4
5	·05	·02	·45	·02	~~Trace~~	·39	·88	~~Trace~~	—	—	·03	—	5
6	·01	·10	·09	·01	~~Trace~~	·11	·05	·50	·03	~~Trace~~	·11	—	6
7	~~Trace~~	·11	·24	·23	~~Trace~~	·02	·71	~~Trace~~	—	·01	·63	~~Trace~~	7
8	·19	—	·04	·02	—	·60	~~Trace~~	1·70	·02	·03	~~Trace~~	·03	8
9	~~Trace~~	~~Trace~~	·03	·38	~~Trace~~	~~Trace~~	—	·06	·08	~~Trace~~	·20	·01	9
10	~~Trace~~	—	·10	·02	~~Trace~~	~~Trace~~	—	·11	·03	~~Trace~~	·06	~~Trace~~	10
11	~~Trace~~	~~Trace~~	·09	~~Trace~~	~~Trace~~	~~Trace~~	·01	~~Trace~~	·02	—	·30	·04	11
12	·06	—	·03	~~Trace~~	·01	—	~~Trace~~	—	—	—	·04	·01	12
13	·16	~~Trace~~	~~Trace~~	·03	·25	—	—	·43	·01	·21	·01	·03	13
14	·01	~~Trace~~	~~Trace~~	—	·09	—	—	·07	·03	·04	·04	·55	14
15	~~Trace~~	·01	~~Trace~~	·10	·02	—	—	·14	—	·03	·11	·16	15
16	—	~~Trace~~	~~Trace~~	—	~~Trace~~	·22	—	·07	·04	·03	~~Trace~~	~~Trace~~	16
17	~~Trace~~	~~Trace~~	~~Trace~~	—	·06	~~Trace~~	—	~~Trace~~	·02	~~Trace~~	~~Trace~~	·13	17
18	·07	—	—	~~Trace~~	~~Trace~~	·10	—	·18	~~Trace~~	~~Trace~~	—	·11	18
19	—	·01	—	—	—	~~Trace~~	—	·03	·06	·01	·61	·40	19
20	·16	~~Trace~~	—	—	—	·02	·10	·09	1·14	—	~~Trace~~	·01	20
21	—	·05	·04	—	·02	~~Trace~~	·35	·12	·93	·75	·24	·67	21
22	·02	·04	·18	·05	·08	·06	·04	·19	·49	·18	·07	·70	22
23	·04	~~Trace~~	·07	~~Trace~~	·20	·52	·04	·45	·01	—	·11	·12	23
24	~~Trace~~	~~Trace~~	·12	·15	·03	·15	~~Trace~~	·32	·09	·15	—	·20	24
25	·04	·10	·16	·51	~~Trace~~	·80	·03	—	·01	·16	—	·12	25
26	·17	·05	~~Trace~~	~~Trace~~	~~Trace~~	·01	·10	~~Trace~~	·18	·13	—	·14	26
27	·24	·04	~~Trace~~	·01	~~Trace~~	·07	·11	·14	·02	—	—	~~Trace~~	27
28	·18	·24	·01	·01	~~Trace~~	·04	~~Trace~~	·02	·32	·30	~~Trace~~	~~Trace~~	28
29	·11	✕	·12	—	—	~~Trace~~	~~Trace~~	—	·08	~~Trace~~	—	—	29
30	·04	✕	—	·03	—	1·26	~~Trace~~	~~Trace~~	·01	~~Trace~~	~~Trace~~	—	30
31	—	✕	~~Trace~~	✕	·06	✕	~~Trace~~	·02	✕	~~Trace~~	✕	—	31
99 TOTAL	1·58	·82	2·08	2·15	1·43	4·50	2·65	4·64	3·63	2·22	3·01	3·38 3·34	YEAR'S TOTAL ~~32·04~~ 32·09
Days with ·01 in. or more.	18	12	19	18	13	18	14	18	22	14	17	14	200
Days with ·04 in. or more.	13	9	15	9 ~~8~~	8 ~~7~~	14	12	15	10	9	15	12	~~139~~ 141

40-12-1-27
144w)

(Signed) A. A. Rhizackha.

for Northumberland County Council

[P.T.O.

3377

3587

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Cockle Park.

in the County of Northumberland.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 3 ft. 6 in.

„ Ground „ Sea Level 325 ft.

400

of mwR

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
28	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·46	·04	·18	·06	~~Trace~~	—	·22	~~Trace~~	·14	—	·13	~~Trace~~	1
2	—	·06	·21	·03	·01	—	—	—	·02	—	·32	—	2
3	·01	~~Trace~~	~~Trace~~	·01	·19	—	~~Trace~~	—	·09	—	·14	—	3
4	·01	·11	·17	·03	—	—	·16	~~Trace~~	~~Trace~~	~~Trace~~	~~Trace~~	·01	4
5	·13	·05	·04	·07	—	~~Trace~~	·03	~~Trace~~	·13	~~Trace~~	·14	·01	5
6	·12	—	—	~~Trace~~	—	·01	·01	·05	—	·45	~~Trace~~	·01	6
7	·02	~~Trace~~	·01	~~Trace~~	—	·21	~~Trace~~	·11	~~Trace~~	·20	·01	—	7
8	~~Trace~~	~~Trace~~	·05	~~Trace~~	~~Trace~~	·46	—	·01	·03	·01	·02	—	8
9	·03	·06	·13	~~Trace~~	—	·11	—	~~Trace~~	·01	·10	~~Trace~~	—	9
10	·10	·10	·23	·24	—	~~Trace~~	—	~~Trace~~	·09	·12	~~Trace~~	~~Trace~~	10
11	~~Trace~~	·10	·04	·01	·02	·03	—	·71	—	·76	·16	·36	11
12	·01	—	·33	·04	~~Trace~~	·02	—	·03	—	~~Trace~~	~~Trace~~	·17	12
13	·10	·16	·28	·04	·10	2·06	—	·05	~~Trace~~	·02	·02	·04	13
14	·07	·01	·06	·02	~~Trace~~	·27	—	·02	~~Trace~~	·18	·11	·02	14
15	·01	·14	~~Trace~~	·02	·23	·21	—	·10	·03	·06	~~Trace~~	·25	15
16	·07	·07	·07	·05	·01	~~Trace~~	—	—	~~Trace~~	·06	·43	·29	16
17	·02	~~Trace~~	·14	~~Trace~~	·17	·02	—	—	·01	—	~~Trace~~	—	17
18	·58	—	~~Trace~~	~~Trace~~	·22	·15	—	—	—	·17	·01	·06	18
19	·01	—	·05	·09	·17	·38	—	·20	·03	·01	·24	~~Trace~~	19
20	·09	—	—	·24	~~Trace~~	—	—	·83	~~Trace~~	·01	·15	—	20
21	·07	~~Trace~~	—	~~Trace~~	~~Trace~~	·03	—	·05	·01	·06	·15	·01	21
22	~~Trace~~	~~Trace~~	·06	·04	·02	·04	~~Trace~~	~~Trace~~	~~Trace~~	~~Trace~~	·03	·01	22
23	·15	~~Trace~~	·04	·02	·01	~~Trace~~	—	·15	~~Trace~~	·01	·46	~~Trace~~	23
24	·08	~~Trace~~	·11	—	~~Trace~~	·02	—	·12	·15	·12	·02	·01	24
25	·13	~~Trace~~	—	—	—	·17	—	·01	·10	·03	~~Trace~~	·25	25
26	·03	·02	·08	—	·11	·09	·56	·28	~~Trace~~	·13	—	—	26
27	·06	—	·02	—	·06	—	·03	·05	·03	~~Trace~~	—	—	27
28	·07	—	~~Trace~~	—	~~Trace~~	·07	·19	~~Trace~~	·04	—	—	·11	28
29	·65	·04	·27	~~Trace~~	—	~~Trace~~	·16	·10	·04	·11	·10	·25	29
30	·01	X	·01	·06	·01	·05	~~Trace~~	~~Trace~~	~~Trace~~	·03	~~Trace~~	·06	30
31	·39	X	·07	X	~~Trace~~	X	~~Trace~~	·07	X	·33	X	·07	31
99 TOTAL	3·48	0·96	2·65	1·07	1·33	4·40	1·36	2·94	0·95	2·97	2·64	1·99	YEAR'S TOTAL 26·74 ✓
Days with ·01 in. or more.	27	13	23	17	14	19	8	18	16	21	18	18	212
Days with ·04 in. or more.	17	11	20	10	8	13	5	14	8	14	12	11	143

40-9999

M

(Signed) A. Ritzema.

[P.T.O.

3458

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

3587

400

Kept at Cockle Park.

in the County of Northumberland.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. ~~in.~~

,, Ground ,, Sea Level 325 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
29	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·07	·26	-	·02	-	·35	·11	·07	-	·19	~~Trace~~	·02	1
2	~~Trace~~	·10	~~Trace~~	·03	-	·01	-	·15	-	·20	·01	~~Trace~~	2
3	~~Trace~~	-	·03	-	·02	·02	·09	·24	·02	-	~~Trace~~	·03	3
4	·10	-	-	·25	·13	~~Trace~~	·58	·60	~~Trace~~	·01	·03	·15	4
5	·02	-	-	·01	·06	·25	·40	·22	~~Trace~~	·20	·04	·03	5
6	·08	-	-	-	·56	·25	·02	·48	-	·06	·01	·25	6
7	~~Trace~~	-	-	~~Trace~~	~~Trace~~	-	-	-	-	·50	·08	·01	7
8	-	·03	-	-	·07	-	-	·01	-	·20	·02	·24	8
9	·26	~~Trace~~	-	·06	~~Trace~~	·06	·01	~~Trace~~	-	~~Trace~~	1·01	-	9
10	·16	·09	-	~~Trace~~	·06	-	~~Trace~~	·10	-	~~Trace~~	·01	·40	10
11	·02	~~Trace~~	~~Trace~~	-	·07	-	-	~~Trace~~	-	-	·09	·12	11
12	·01	·03	-	-	·17	·35	-	-	·04	-	-	·03	12
13	·07	-	~~Trace~~	~~Trace~~	·02	·01	-	·16	-	-	-	~~Trace~~	13
14	·08	·01	-	~~Trace~~	·02	·06	-	·26	-	·01	-	-	14
15	·31	·10	-	~~Trace~~	·07	·01	-	~~Trace~~	-	~~Trace~~	-	-	15
16	-	-	~~Trace~~	~~Trace~~	-	-	~~Trace~~	·20	~~Trace~~	~~Trace~~	·35	-	16
17	~~Trace~~	~~Trace~~	·01	~~Trace~~	-	-	-	·10	-	-	·50	-	17
18	~~Trace~~	-	~~Trace~~	·04	-	-	-	-	-	-	·46	-	18
19	·01	-	~~Trace~~	·05	-	-	-	-	·04	-	·05	~~Trace~~	19
20	-	~~Trace~~	·01	-	-	-	-	~~Trace~~	·02	·02	·04	·11	20
21	-	·06	·18	-	-	·10	·10	·15	-	~~Trace~~	~~Trace~~	·19	21
22	·01	·08	-	·04	-	-	·38	·10	-	-	-	·07	22
23	~~Trace~~	·03	-	·10	-	·06	-	·07	-	·42	·08	·34	23
24	·13	·12	-	·02	·20	~~Trace~~	-	-	-	·11	·02	·57	24
25	·05	·15	-	-	-	-	-	-	-	~~Trace~~	·43	·17	25
26	·01	-	-	·26	-	-	-	-	-	·05	~~Trace~~	·08	26
27	·08	-	-	·45	-	~~Trace~~	~~Trace~~	·09	-	·17	·11	~~Trace~~	27
28	·28	-	-	·20	-	-	·23	-	·75	·12	·20	·66	28
29	·27	×	-	~~Trace~~	-	-	·08	·03	~~Trace~~	·05	·08	·04	29
30	·02	×	-	~~Trace~~	-	~~Trace~~	·30	~~Trace~~	·07	·05	·45	-	30
31	·03	×	·07	×	-	×	·70	·01	×	~~Trace~~	×	·12	31
99 TOTAL	2·07	1·06	0·30	1·53	1·45	1·53	3·00	3·04	0·94	2·36	4·07	3·63	YEAR'S TOTAL 24·98
Days with ·01 in. or more.	21	12	5	13	12	12	12	18	6	16	20	19	166
Days with ·04 in. or more.	13	87	2	9	9	8	10	15	4	13	15	15	120

40-9999

(Signed) J. Winter.

[P.T.O.

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

3529

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

3587

Kept at Cockle Park

in the County of N'land

400

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level 325 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
30	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·14	·30	—	·27	—	·02	·02	·65	—	—	·54	—	1
2	·04	·29	—	·26	—	—	—	·65	—	—	·45	—	2
3	·01	·08	—	·01	—	—	·07	·03	·04	·23	·15	—	3
4	·03	·09	—	·03	—	—	·24	·19	·06	·23	—	—	4
5	·04	·21	·10	—	·01	—	—	·07	—	—	—	—	5
6	·04	·08	·10	·11	—	—	—	—	·19	·03	—	—	6
7	·04	·07	—	—	·38	—	—	·26	·21	·16	·01	·29	7
8	·10	—	—	·02	·15	—	—	·09	—	·42	—	·01	8
9	·03	—	·11	·31	·39	·01	—	·12	·28	—	—	—	9
10	·45	—	·04	—	·05	—	·07	·05	·19	·01	—	·01	10
11	·06	—	·02	—	—	—	—	—	·03	·10	—	·39	11
12	·34	—	·02	·05	·04	—	—	·35	·14	·01	—	·16	12
13	·28	—	·02	·01	·16	-	·30	·20	·10	—	—	—	13
14	·44	—	·06	·03	·09	—	·03	—	·07	—	·25	·38	14
15	—	·02	—	—	—	—	—	—	—	·39	·05	—	15
16	—	—	1·11	—	—	·03	·71	—	—	·10	—	·07	16
17	·08	—	·16	·02	·24	·18	·01	·03	·88	—	—	—	17
18	—	—	·19	·05	—	—	·01	—	·01	—	·52	—	18
19	—	—	—	·20	—	·08	—	·06	·47	·19	·03	—	19
20	—	—	·08	·08	—	·03	·66	·44	·08	—	·36	—	20
21	·03	—	·10	—	—	·23	·22	·22	—	·02	·41	—	21
22	·10	·06	—	—	—	—	·45	—	—	·07	·36	—	22
23	—	·02	—	·15	·07	·20	·11	·01	—	—	—	·01	23
24	·03	·10	—	·07	—	—	—	·03	—	—	·29	·03	24
25	—	·07	—	·01	—	—	—	—	—	—	·06	·21	25
26	·42	·02	—	·01	—	—	—	·03	·30	—	—	·56	26
27	·20	—	—	·15	—	—	—	—	·02	—	~~—~~	·08	27
28	·01	—	·01	—	—	—	—	—	·08	—	·07	—	28
29	—	X	·05	—	—	—	1·03	1·74	·09	·11	—	·29	29
30	—	X	·02	—	—	·02	—	·58	·06	—	—	·20	30
31	·23	X	·07	X	—	X	—	—	X	·12	X	—	31
99 TOTAL	3·14	1·41	2·26	1·84	1·58	0·80	3.93	5·80	3·30	2·19	3·55	2·69	YEAR'S TOTAL 32·49
Days with ·01 in. or more.	22	13	18	19	10	9	14	20	19	15	14	14	187
Days with ·04 in. or more.	16	10	13	11	9	4	10	15	16	11	12	10	137
40-9999	79.8	35·5	57·4	46.7	40.1	20·3	99.8	147.3	83.8	55·6	90·2	68·3	825·1

(Signed)..........

[P.T.O.

3456B

Section **A** for the entry
AIR MINIST

FOR OFFICIAL USE.
ORGANIZATION. Cn A

3585.

MORPETH

HIGH STANNERS

1929 - 30.

FORM 1090.

REGIS

Kept at Morpeth

in the County of Nort

Diameter of Funnel of Gauge

Height of top of Gauge above Gro

,, Ground ,, Sea

THE MORNING MEAS

An observer who does not conform ... should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·06	·04	–	·08	–	·36	·02	–	–	·25	tr	·02	1
2	–	·09	–	–	–	·01	–	·16	·01	·22	tr	·01	2
3	·08	–	·02	·03	·01	·12	·27	·39	·03	–	·04	·10	3
4	·07	–	–	·26	·09	–	·29	·43	–	·02	·03	·08	4
5	·07	–	–	–	·19	·26	·36	·09	–	·25	·04	·02	5
6	·15	–	–	–	·45	·22	–	·26	–	·01	tr	·23	6
7	tr	–	–	·01	–	–	–	–	–	·67	·10	–	7
8	–	·03	–	–	–	–	·01	·03	–	·05	·05	·25	8
9	·69	·01	–	·06	–	·05	–	–	–	–	1·00	·09	9
10	·02	·07	–	–	·05	·06	tr	·08	–	–	·03	·51	10
11	·02	·04	–	–	·09	–	–	–	–	–	–	·09	11
12	·02	tr	–	–	·11	·37	–	–	·02	–	tr	·02	12
13	·08	·01	tr	·02	·01	·02	–	·16	–	–	tr	tr	13
14	·08	·06	–	tr	·01	·01	–	–	–	·02	tr	–	14
15	·31	·08	–	–	·17	·03	–	–	–	–	–	·01	15
16	–	–	–	–	–	–	–	·20	–	–	·28	·01	16
17	–	·01	·01	·01	–	–	–	·07	–	–	·34	–	17
18	–	–	–	·03	–	–	–	–	–	–	·44	–	18
19	tr	–	–	·07	–	–	–	–	tr	·01	·03	·01	19
20	–	–	·05	–	–	–	–	·03	·01	–	tr	·20	20
21	–	·06	·23	–	–	·07	·19	·14	–	–	–	·10	21
22	·01	·09	–	·07	–	–	·32	·10	–	–	–	·04	22
23	·11	·06	–	·11	–	·09	–	·06	–	·55	·08	·36	23
24	·05	·13	–	–	·28	–	–	–	–	–	·16	·52	24
25	·09	·04	–	–	–	–	–	–	–	tr	·32	·30	25
26	·06	tr	–	·26	–	–	–	–	–	·05	·01	·06	26
27	·03	–	–	·61	–	–	–	·08	–	·19	·11	·01	27
28	·28	–	–	·11	–	–	·23	·02	·76	·06	·23	·55	28
29	·19	×	–	–	–	–	·14	·03	·05	·10	·20	·07	29
30	·02	×	–	–	–	·03	·27	–	–	·03	·25	·01	30
31	·13	×	·05	×	–	×	·55?	–	×	–	×	·22	31
TOTAL	2·62	·82	·36	1·73	1·46	1·70	2·65	2·33	·88	2·48	3·74	3·89	YEAR'S TOTAL 24·66
*Days with ·01 in. or more.	22	15	5	14	11	14	11	17	6	15	19	26	175
*Days with ·04 in. or more.	16	11	3	9	8	9	9	13	2	10	15	17	122

40-9999

*See Instruction 2 (*f*) on other side.

July 31:- approx.

(*Signed*) Robert Matheson. [P.T.O.

3456B.

Section **A** for the entry FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. Cn A

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Morpeth (High Stanners

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 6" in.

,, Ground ,, Sea Level 90 ft. approx.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·06	·04	–	·08	–	·36	·02	–	–	·25	tr	·02	1
2	–	·09	–	–	–	·01	–	·16	·01	·22	tr	·01	2
3	·08	–	·02	·03	·01	·12	·27	·39	·03	–	·04	·10	3
4	·07	–	–	·26	·09	–	·29	·43	–	·02	·03	·08	4
5	·07	–	–	–	·19	·26	·36	·09	–	·25	·04	·02	5
6	·15	–	–	–	·45	·22	–	·26	–	·01	tr	·23	6
7	tr	–	–	·01	–	–	–	–	–	·67	·10	–	7
8	–	·03	–	–	–	–	·01	·03	–	·05	·05	·25	8
9	·69	·01	–	·06	–	·05	–	–	–	–	1·00	·09	9
10	·02	·07	–	–	·05	·06	tr	·08	–	–	·03	·51	10
11	·02	·04	–	–	·09	–	–	–	–	–	–	·09	11
12	·02	tr	–	–	·11	·37	–	–	·02	–	tr	·02	12
13	·08	·01	tr	·02	·01	·02	–	·16	–	–	tr	tr	13
14	·08	·06	–	tr	·01	·01	–	–	–	·02	tr	–	14
15	·31	·08	–	–	·17	·03	–	–	–	–	–	·01	15
16	–	–	–	–	–	–	–	·20	–	–	·28	·01	16
17	–	·01	·01	·01	–	–	–	·07	–	–	·34	–	17
18	–	–	–	·03	–	–	–	–	–	–	·44	–	18
19	tr	–	–	·07	–	–	–	–	tr	·01	·03	·01	19
20	–	–	·05	–	–	–	–	·03	·01	–	tr	·20	20
21	–	·06	·23	–	–	·07	·19	·14	–	–	–	·10	21
22	·01	·09	–	·07	–	–	·32	·10	–	–	–	·04	22
23	·11	·06	–	·11	–	·09	–	·06	–	·55	·08	·36	23
24	·05	·13	–	–	·28	–	–	–	–	–	·16	·52	24
25	·09	·04	–	–	–	–	–	–	–	tr	·32	·30	25
26	·06	tr	–	·26	–	–	–	–	–	·05	·01	·06	26
27	·03	–	–	·61	–	–	–	·08	–	·19	·11	·01	27
28	·28	–	–	·11	–	–	·23	·02	·76	·06	·23	·55	28
29	·19	×	–	–	–	–	·14	·03	·05	·10	·20	·07	29
30	·02	×	–	–	–	·03	·27	–	–	·03	·25	·01	30
31	·13	×	·05	×	–	×	·55?	–	×	–	×	·22	31
TOTAL	2·62	·82	·36	1·73	1·46	1·70	2·65	2·33	·88	2·48	3·74	3·89	YEAR'S TOTAL 24·66
*Days with ·01 in. or more.	22	15	5	14	11	14	11	17	6	15	19	26	175
*Days with ·04 in. or more.	16	11	3	9	8	9	9	13	2	10	15	17	122

40-9999

*See Instruction 2 (*f*) on other side.

July 31 :- approx.

(*Signed*) Robert Matheson [P.T.O.

3527A

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

x/N.M/5

Kept at MORPETH. (High Stanners)

in the County of NORTHUMBERLAND

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 90 ft. approx.

1929 late

Compared with 3529 / 3528 very good return. 12/5/31

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05	·45	—	·38	—	·01	·01	·64	—	—	·53	—	1
2	·05	·12	—	·13	—	—	—	·60	—	—	·48	—	2
3	·02	·06	—	·02	·03	—	·10	·02	—	·26	·12	tr	3
4	·03	·15	—	·04	—	—	·04	·27	·05	·24	tr	tr	4
5	·03	·18	·09	·04	·01	—	—	·05	—	—	tr	tr	5
6	·01	·06	·11	·09	·02	—	—	—	·22	·04	tr	·02	6
7	·05	tr	—	—	·46	—	—	·12	·17	·46	·02	·26	7
8	·12	·02	—	·02	·37	—	—	·09	—	·12	tr	·02	8
9	·04	—	·10	·33	·07	·01	—	·14	·20	—	—	·01	9
10	·15	—	·05	—	·06	—	·10	·03	·23	—	—	·06	10
11	·08	—	·01	·05	—	—	—	—	—	·12	—	·34	11
12	·30	—	·02	·02	·14	—	—	·17	·24	·01	—	·17	12
13	·44	—	·12	tr	·05	—	·28	·18	·06	—	—	·01	13
14	·31	·05	·07	·02	·29	—	·02	—	·01	tr	·36	·37	14
15	—	—	·58	tr	—	—	·15	—	—	·32	—	·10	15
16	·03	—	·47	·01	—	·25	·42	—	tr	·07	—	·04	16
17	·01	—	·12	·03	·24	·06	·01	·04	·82	—	—	tr	17
18	—	—	·10	·19	tr	—	·01	·07	·04	—	·64	—	18
19	—	—	·01	·12	—	·10	·04	·03	·34	·18	·15	—	19
20	tr	—	·24	·13	—	·03	·75	·45	·05	—	·20	·01	20
21	·04	—	—	—	—	·13	·59	·17	—	·04	·60	tr	21
22	·08	·04	—	—	tr	—	·38	—	tr	·08	·24	—	22
23	—	·04	—	·10	·07	·26	·09	·01	—	—	·28	·01	23
24	·03	·06	—	·07	—	tr	—	·01	—	—	·02	·01	24
25	tr	·06	—	tr	—	—	·01	—	·05	—	·09	·41	25
26	·68	·02	—	·01	—	—	—	·06	·21	—	tr	·35	26
27	·01	—	—	·17	·01	·01	·02	—	—	—	·01	·06	27
28	—	tr	·02	—	—	—	·16	—	·07	·02	·07	·10	28
29	—	X	·04	—	—	—	·30	1·38	·08	·10	—	·17	29
30	·01	X	·01	—	—	·02	—	·63	·04	—	tr	·22	30
31	·33	X	·09	X	—	X	—	—	X	·17	X	·01	31
TOTAL	2·90	1·31	2·25	1·97	1·82	·88	3·48	5·16	2·88	2·23	3·81	2·75	YEAR'S TOTAL 31·44
*Days with ·01 in. or more.	23	13	18	20	13	10	19	21	17	15	15	21	205
*Days with ·04 in. or more.	14	11	13	13	9	5	13	16	16	13	12	13	148

40-9999

(Signed) Robert Matheson Esq

[P.T.O.

*See Instruction 2 (*f*) on other side.

NEWCASTLE

NORTHUMBERLAND

1922

FORM 1090. METEOROLOG ATION.

REG

Kept at Newcastle

in the County of Northum

by per Newcastle Ch

ge in.

nd ft. in.

Level ft.

IMPORTANT NOTE.—Rain he result entered to the previous day. If an Observer prefer requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1			·24				·03					·01	1
2							·02						2
3			·11										3
4			·40				·05						4
5			·01									·03	5
6	·03		·01				2·15						6
7	·08											·04	7
8							·48					·07	8
9	·08		·28				·12					·01	9
10			·02										10
11	·02												11
12							·04						12
13							·38					·01	13
14	·13						·18					·02	14
15	·41												15
16	·47						·68					·43	16
17	·03											·32	17
18	·17						·30					·15	18
19	·08		·01									·01	19
20			·03									1·19	20
21	·02		·15				·13					·06	21
22	·01		·01									·02	22
23			·01				·02						23
24	·05		·03										24
25	·13		·01										25
26	·65		·28				·20						26
27	·12		·06									·13	27
28	·30		·13										28
29							·40					·07	29
30	·03	X	·13									1·31	30
31	·03	X	·02	X		X			X		X	·02	31
TOTAL	2·84	2·28	1·94	1·48	1·07	1·35	5·18	2·42	3·98	1·58	·73	3·90	YEAR'S TOTAL 28·75
Days with ·01 in. or more	19		19				15					18	
Days with ·04 in. or more	12		9				12					10	

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

FORM 1090. METEOROLOG ATION.

REGISTER OF RAINFALL IN 1922.

Kept at Newcastle
in the County of Northumberland
by per Newcastle Chronicle

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers.*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1			·24				·03					·01	1
2							·02						2
3			·11										3
4			·40				·05						4
5			·01									·03	5
6	·03		·01				2·15						6
7	·08											·04	7
8							·48					·07	8
9	·08		·28				·12					·01	9
10			·02										10
11	·02												11
12							·04						12
13							·38					·01	13
14	·13						·18					·02	14
15	·41												15
16	·47						·68					·43	16
17	·03											·32	17
18	·17						·30					·15	18
19	·08		·01									·01	19
20			·03									1·19	20
21	·02		·15				·13					·06	21
22	·01		·01									·02	22
23			·01				·02						23
24	·05		·03										24
25	·13		·01										25
26	·65		·28				·20						26
27	·12		·06									·13	27
28	·30		·13										28
29							·40					·07	29
30	·03	X	·13									1·31	30
31	·03	X	·02	X		X			X		X	·02	31
TOTAL	2·84	2·28	1·94	1·48	1·07	1·35	5·18	2·42	3·98	1·58	·73	3·90	YEAR'S TOTAL 28·75
Days with ·01 in. or more	19		19				15					18	
Days with ·04 in. or more	12		9				12					10	

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

31 JAN 1922
S300

Form A. 1. METEOROLO

NEWCASTLE
-
LEAZES PARK

1921 - 1930

ORGANIZATION.

RE 192~~2~~1.

Kept at Leazes Pa
- upo
in the County of Nor
by City Enginee

Long 1°37"
9 a.m.
tion Newcastle "Central"
of Rain Gauge 5 in.
ge above Ground ft. 12½ in.
,, Sea Level 255 ft.

IMPORTANT NOTE.

esult entered to the previous day.

If an Observer prefers not y requested to add the reading at 9 a.m. on 1st for it at the end of this paragraph. Full instruc cing of rain gauges, and particulars as to the *Rainfall Observers,"* sent post-free on applicati zation, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.19	0.00	0.01	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.00	0.00	1
2	0.32	0.00	0.01	0.00	0.05	0.00	0.00	0.07	0.00	0.05	0.11	0.00	2
3	0.10	0.00	0.01	0.00	0.00	0.00	0.02	0.08	0.00	0.15	0.00	0.00	3
4	0.16	0.00	0.02	0.00	0.00	0.11	0.00	0.02	0.00	0.07	0.00	0.00	4
5	0.00	0.00	0.03	0.00	0.08	0.00	0.00	0.52	0.00	0.00	1.18	0.00	5
6	0.00	0.02	0.13	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6
7	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	7
8	0.00	0.04	0.00	0.00	0.08	0.15	0.00	0.09	0.00	0.00	0.00	0.00	8
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.08	0.00	0.00	0.00	9
10	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	10
11	0.31	0.00	0.00	0.00	0.18	0.00	0.00	0.19	0.00	0.00	0.00	0.00	11
12	1.72	0.00	0.00	0.00	0.10	0.00	0.00	0.05	0.01	0.00	0.00	0.00	12
13	0.30	0.00	0.03	0.26	0.00	0.00	0.00	0.03	0.69	0.04	0.00	0.00	13
14	0.00	0.00	0.01	0.00	0.33	0.00	0.00	0.00	0.01	0.00	0.00	0.03	14
15	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.05	15
16	0.00	0.00	0.10	0.00	0.02	0.00	0.02	0.10	0.00	0.00	0.06	0.00	16
17	0.59	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	17
18	0.08	0.00	0.05	0.34	0.00	0.00	0.01	0.00	0.00	0.00	0.61	0.20	18
19	0.00	0.00	0.02	0.02	0.04	0.00	0.00	0.00	0.03	0.00	0.04	0.18	19
20	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.19	0.00	0.00	0.07	0.05	20
21	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.10	0.00	0.59	0.22	0.02	21
22	0.01	0.00	0.08	0.14	0.00	0.10	0.00	0.11	0.00	0.89	0.03	0.00	22
23	0.00	0.00	0.00	0.31	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	23
24	0.76	0.00	0.14	0.02	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.10	24
25	0.07	0.02	0.00	0.08	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	25
26	0.05	0.00	0.02	0.00	0.05	0.11	0.00	0.08	0.00	0.00	0.00	0.16	26
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.17	27
28	0.01	0.00	0.02	0.00	0.08	0.00	0.19	0.00	0.00	0.00	0.00	0.12	28
29	0.00	~~0.00~~	0.00	0.00	0.00	0.00	0.39	1·85	0.00	0.00	0.04	0.00	29
30	0.00		0.00	0.00	0.09	0.00	0.00	—	0.00	0.10	0.00	0.22	30
31	0.05		0.00		0.00		0.00	0.43		0.00		0.00	31
TOTAL	4.92	0.13	0.68	1.18.	1.58	0.71	1.29	5.75	0.82	1.89	2.42	1.30	YEAR'S TOTAL 22.67.
Days with ·01 in. or more	16	4	15	8	12	6	9	20	5	7	10	11	123 ✓
Days with ·04 in. or more	14	2	5	5	11	6	6	17	2	7	9	9	93 ✓

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

31 JAN 1922 S300

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 192~~2~~1.

Kept at Leazes Park Newcastle-upon-Tyne.
in the County of Northumberland
by City Engineer & Town Surveyor

Lat. 1°58" Long. 1°37"
Time of Observation 9 a.m.
Nearest Railway Station Newcastle "Central"
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground " ft. 12¼ in.
" " " " Sea Level 255 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0. 19	0. 00	0. 01	0. 00	0. 00	0. 00	0. 00	0. 84	0. 00	0. 00	0. 00	0. 00	1
2	0. 32	0. 00	0. 01	0. 00	0. 05	0. 00	0. 00	0. 04	0. 00	0. 05	0. 11	0. 00	2
3	0. 10	0. 00	0. 01	0. 00	0. 00	0. 00	0. 02	0. 08	0. 00	0. 15	0. 00	0. 00	3
4	0. 16	0. 00	0. 02	0. 00	0. 00	0. 11	0. 00	0. 02	0. 00	0. 07	0. 00	0. 00	4
5	0. 00	0. 00	0. 03	0. 00	0. 08	0. 00	0. 00	0. 52	0. 00	0. 00	1. 18	0. 00	5
6	0. 00	0. 02	0. 13	0. 00	0. 48	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	6
7	0. 00	0. 05	0. 00	0. 00	0. 00	0. 00	0. 00	0. 03	0. 00	0. 00	0. 00	0. 00	7
8	0. 00	0. 04	0. 00	0. 00	0. 08	0. 15	0. 00	0. 09	0. 00	0. 00	0. 00	0. 00	8
9	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 28	0. 08	0. 00	0. 00	0. 00	9
10	0. 20	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 20	0. 00	0. 00	0. 00	0. 00	10
11	0. 31	0. 00	0. 00	0. 00	0. 18	0. 00	0. 00	0. 19	0. 00	0. 00	0. 00	0. 00	11
12	1. 72	0. 00	0. 00	0. 00	0. 10	0. 00	0. 00	0. 05	0. 01	0. 00	0. 00	0. 00	12
13	0. 30	0. 00	0. 03	0. 26	0. 00	0. 00	0. 00	0. 03	0. 69	0. 04	0. 00	0. 00	13
14	0. 00	0. 00	0. 01	0. 00	0. 33	0. 00	0. 00	0. 00	0. 01	0. 00	0. 00	0. 03	14
15	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 18	0. 00	0. 00	0. 00	0. 00	0. 05	15
16	0. 00	0. 00	0. 10	0. 00	0. 02	0. 00	0. 02	0. 10	0. 00	0. 00	0. 06	0. 00	16
17	0. 59	0. 00	0. 00	0. 01	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 06	0. 00	17
18	0. 08	0. 00	0. 05	0. 34	0. 00	0. 00	0. 01	0. 00	0. 00	0. 00	0. 61	0. 20	18
19	0. 00	0. 00	0. 02	0. 02	0. 04	0. 00	0. 00	0. 00	0. 03	0. 00	0. 04	0. 18	19
20	0. 00	0. 00	0. 00	0. 00	0. 00	0. 16	0. 00	0. 19	0. 00	0. 00	0. 07	0. 05	20
21	0. 00	0. 00	0. 00	0. 00	0. 00	0. 08	0. 00	0. 10	0. 00	0. 59	0. 22	0. 02	21
22	0. 01	0. 00	0. 08	0. 14	0. 00	0. 10	0. 00	0. 11	0. 00	0. 89	0. 03	0. 00	22
23	0. 00	0. 00	0. 00	0. 31	0. 00	0. 00	0. 13	0. 00	0. 00	0. 00	0. 00	0. 00	23
24	0. 76	0. 00	0. 14	0. 02	0. 00	0. 00	0. 17	0. 00	0. 00	0. 00	0. 00	0. 10	24
25	0. 07	0. 02	0. 00	0. 08	0. 00	0. 00	0. 18	0. 00	0. 00	0. 00	0. 00	0. 00	25
26	0. 05	0. 00	0. 02	0. 00	0. 05	0. 11	0. 00	0. 08	0. 00	0. 00	0. 00	0. 16	26
27	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 49	0. 00	0. 00	0. 00	0. 17	27
28	0. 01	0. 00	0. 02	0. 00	0. 08	0. 00	0. 19	0. 00	0. 00	0. 00	0. 00	0. 12	28
29	0. 00	~~0. 00~~	0. 00	0. 00	0. 00	0. 00	0. 39	1·85	0. 00	0. 00	0. 04	0. 00	29
30	0. 00		0. 00	0. 00	0. 09	0. 00	0. 00	—	0. 00	0. 10	0. 00	0. 22	30
31	0. 05		0. 00		0. 00		0. 00	0. 43		0. 00		0. 00	31
Total	4. 92	0. 13	0. 68	1. 18	1. 58	0. 71	1. 29	5. 75	0. 82	1. 89	2. 42	1. 30	Year's Total 22.67
Days with ·01 in. or more	16	4	15	8	12	6	9	20	5	7	10	11	123
Days with ·04 in. or more	14	2	5	5	11	6	6	17	2	7	9	9	93

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3407

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Leazes Park, Newcastle-upon-Tyne
in the County of Northumberland
by Mr R. Moffat, Superintendent of Parks.

Lat. 1°58 Long. 1°37
Time of Observation 9 a.m.
Nearest Railway Station Central
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground ft. 1'4 in.
" " " " Sea Level 255 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	-	0.09	-	-	-	-	-	-	-	-	-	-	1
2	-	0.44	0.11	-	-	-	-	-	0.04	-	-	-	2
3	-	0.[illegible]	0.07	-	-	-	0.03	-	-	0.13	-	-	3
4	-	-	-	-	-	-	-	-	-	-	-	-	4
5	-	-	-	-	-	-	1.35	-	-	0.19	0.37	0.04	5
6	0.[illegible]	-	-	0.15	-	-	0.80	-	-	-	0.02	-	6
7	0.[illegible]	-	-	-	-	-	-	0.41	-	-	-	0.10	7
8	0.06	-	0.06	-	-	-	0.41	0.88	-	-	-	-	8
9	0.[illegible]	-	0.21	-	-	0.05	0.08	-	-	0.08	0.07	-	9
10	-	-	-	-	-	-	-	-	-	-	0.10	-	10
11	-	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	0.40	-	0.32	0.26	0.22	0.21	0.08	-	-	12
13	-	-	-	-	-	0.19	0.21	-	0.88	-	-	-	13
14	-	-	-	0.48	-	0.04	0.20	-	0.[illegible]	-	-	0.03	14
15	-	0.19	-	0.10	-	-	0.62	0.07	-	-	-	0.22	15
16	-	-	-	-	0.49	-	0.05	0.24	0.03	-	-	0.45	16
17	-	0.35	-	-	-	-	-	-	0.04	-	-	0.11	17
18	-	-	-	-	0.02	0.10	0.31	-	-	-	-	0.02	18
19	-	-	-	-	-	-	-	-	-	-	-	-	19
20	1.01	-	-	-	-	-	-	0.09	0.31	0.12	-	1.07	20
21	0.09	-	-	0.08	0.07	-	0.09	0.21	0.81	-	-	0.03	21
22	-	-	-	-	0.25	0.13	-	-	0.01	0.06	-	-	22
23	-	-	-	0.15	0.08	0.11	-	-	-	-	-	-	23
24	-	-	-	-	0.02	-	-	-	-	-	-	-	24
25	0.56	-	0.62	-	-	0.04	-	-	-	0.05	0.10	-	25
26	0.27	0.21	0.04	0.14	-	-	0.17	-	0.22	0.12	-	-	26
27	0.28	-	-	-	-	0.20	-	-	-	0.21	0.05	0.15	27
28	0.05	-	-	-	-	-	0.17	0.15	0.43	0.16	-	0.03	28
29	-	X	-	0.09	-	-	-	-	-	0.03	-	0.87	29
30	-	X	-	-	-	0.08	-	0.01	0.30	0.28	0.09	0.27	30
31	0.23	X	0.35	X	-	X	-	-	X	0.05	X	-	31
TOTAL	2.84	1.78	1.46	1.59	0.93	1.26	4.82	2.28	3.61	1.53	0.80	3.39	YEAR'S TOTAL 26.29
Days with ·01 in. or more	11	6	7	8	6	10	14	9	12	13	7	13	116
Days with ·04 in. or more	10	6	7	8	4	10	13	8	10	12	6	9	103

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

3479

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 15 JAN 1924

REGISTER OF RAINFALL IN 1923.

Kept at Leazes Park, Newcastle-upon-Tyne
in the County of Northumberland
by W. R. Moffat, Superintendent of Parks.

Lat. 1°58" Long. 1°34"
Time of Observation 9 a.m.
Nearest Railway Station Central
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground - ft. 12¼ in.
" " " " Sea Level 255 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0. 13	-	0·18	0·05	-	-	-	-	0· 01	-	-	0· 14	1
2	0. 14	-	-	0· 17	-	-	-	0· 12	0· 05	0·04	0· 01	0· 02	2
3	-	0. 13	0· 46	-	-	0·25	-	-	0· 28	0·32	0· 39	-	3
4	-	-	-	-	-	0·03	-	-	-	-	0·05	0· 20	4
5	-	-	0·07	-	-	-	-	-	-	0·02	-	-	5
6	0. 21	0·07	0·05	-	-	-	-	0·04	0·02	-	0·20	-	6
7	0. 02	0·22	0·21	-	-	-	0· 10	-	-	-	-	0·05	7
8	0. 04	0·03	0·16	-	-	-	0·20	·347	-	0·20	-	-	8
9	-	0·24	-	-	0·36	0·22	0·05	-	-	-	-	-	9
10	-	0·24	-	0·62	0·27	-	0·20	-	-	0·02	-	0·14	10
11	-	-	-	-	0·17	-	-	-	-	-	0· 13	-	11
12	-	0. 09	-	0·11	0·36	0·12	-	0·24	0· 10	0·05	0· 77	0· 05	12
13	0. 15	0. 09	-	0·04	-	-	-	-	0· 01	-	0·05	-	13
14	-	0·03	-	-	-	-	-	-	-	-	-	-	14
15	-	0. 15	-	-	0·16	0·09	0·08	-	-	0·02	0·43	-	15
16	-	0. 08	-	-	0·52	0·01	-	-	-	0·15	0· 14	-	16
17	-	-	-	-	0·04	0·10	-	0·25	0·32	-	-	-	17
18	-	0. 28	-	-	0·05	-	-	0·09	0·01	0·10	-	-	18
19	-	-	-	-	-	0·03	-	-	0·04	-	0· 18	-	19
20	-	-	-	-	-	0·02	-	0·32	0· 14	0· 07	0· 42	-	20
21	-	0·13	-	-	-	-	-	0·02	0· 07	-	0· 12	0· 60	21
22	0. 10	0·02	-	-	0·05	-	0·20	0· 16	-	-	0· 44	-	22
23	-	-	-	0·05	0·02	-	-	0·25	0· 01	0· 15	-	-	23
24	-	0·19	-	0·07	-	0·20	0· 08	-	0·24	0·17	-	-	24
25	-	0·20	-	-	0·24	-	0·20	0· 07	0·15	0· 10	-	-	25
26	-	0·49	-	0·09	0·14	-	-	0·01	-	0·16	-	-	26
27	0. 04	0·05	0·08	-	0· 16	-	1· 11	0·04	-	0· 07	-	0·55	27
28	-	0·24	0·03	0. 25	0·01	-	0· 18	0·09	-	-	0· 40	-	28
29	0. 28	X	-	0·03	-	-	0·55	1· 38	-	0· 23	-	0· 04	29
30	-	X	-	-	-	-	0·14	-	-	-	0·43	0· 15	30
31	-	X	0·43	X	0·04	X	0· 01	0· 02	X	-	X	0· 06	31
TOTAL	1· 11	2·97	1·67	1·48	2·58	1 ·07	3·29	3·89	1· 45	2·07	3· 79	2·43	YEAR'S TOTAL 24·80
Days with ·01 in. or more	9	19	9	10	15	10	13	16	14	16	15	11	157
Days with ·04 in. or more	8	16	8	9	13	6	11	13	9	13	13	10	129

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

3249

FOR OFFICIAL USE.

1 JAN 1925

County No.

River Dist

Station No.

FORM 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Leazes Park, Newcastle-upon-Tyne
in the County of Newcastle-upon-Tyne.
by Mr G. Dick, Superintendent of Parks.

Lat. 1° 58" Long. 1° 37"
Time of Observation 9 a. m.
Nearest Railway Station Central
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground - ft. 12¼ in.
" " " " Sea Level 255 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	-	-	-	0.90	0.11	0.22	-	-	0.36	0.01	1 RRR
2	0.35	-	-	-	0.21	-	.02	0.05	-	-	0.03	0.61	2 E.S.T.
3	-	-	-	-	-	-	0.49	-	-	0.04	-	0.06	3 C
4	-	-	-	-	0.13	-	0.04	0.02	0.01	0.35	-	0.48	4 A.N.B
5	-	-	-	-	0.03	0.06	0.06	0.02	-	1.73	-	0.10	5
6	-	-	-	-	0.42	0.26	-	-	0.06	0.39	-	-	6
7	-	-	-	0.09	0.23	0.09	-	-	0.52	0.04	0.01	0.02	7
8	-	-	-	-	0.14	0.39	-	-	0.01	0.02	-	0.25	8
9	-	0.13	-	0.17	0.05	0.06	-	-	0.26	0.04	-	-	9
10	-	0.18	-	0.02	0.01	0.06	0.08	-	-	0.08	-	0.04	10
11	0.35	0.26	-	-	0.06	0.01	-	-	0.06	-	0.06	-	11
12	0.19	0.10	-	-	0.11	0.19	-	0.49	-	-	-	-	12
13	0.02	-	-	0.26	0.01	-	-	0.03	-	0.02	-	0.13	13
14	-	-	-	-	0.02	0.02	-	0.03	-	-	-	0.03	14
15	-	-	-	-	0.02	-	0.06	-	0.11	-	-	0.15	15
16	-	-	-	-	0.01	-	0.02	-	0.08	0.03	-	-	16
17	-	-	-	-	-	0.16	0.06	0.85	-	-	0.01	-	17
18	0.24	-	-	-	0.64	0.02	1.23	0.03	-	0.11	-	-	18
19	-	-	-	-	0.15	-	0.14	0.01	0.53	-	-	-	19
20	-	-	-	-	0.02	0.05	0.31	0.29	0.12	-	-	-	20
21	0.31	-	0.26	-	0.08	-	0.28	0.04	0.24	0.01	-	-	21
22	0.31	-	0.17	-	0.11	-	0.15	0.18	0.34	-	0.06	0.05	22
23	0.16	-	0.54	0.15	0.03	-	0.02	0.24	0.12	-	-	0.03	23
24	-	0.16	0.12	0.10	0.01	-	0.78	0.30	0.01	-	0.17	-	24
25	-	0.12	0.01	0.06	0.57	-	0.22	0.02	0.18	-	0.07	0.14	25
26	-	-	-	0.20	0.02	0.01	-	-	0.01	0.44	0.23	-	26
27	-	-	-	0.29	-	-	0.11	-	-	0.11	0.09	0.09	27
28	0.06	-	-	0.16	-	-	1.17	0.13	0.02	0.08	0.07	-	28
29	-	-	-	0.01	-	0.15	0.27	0.12	0.02	0.33	-	0.23	29
30	-	X	-	-	0.28	-	0.37	-	0.11	0.09	-	-	30 855
31	-	X	-	X	2.68	X	0.02	0.08	X	0.12	X	0.05	31
TOTAL	1.99	0.95	1.10	1.51	6.04	2.43	6.01	3.15	2.81	4.03	1.16	2.47	33.65 YEAR'S TOTAL
Days with ·01 in. or more.	9	6	5	11	25	15	22	19	19	18	11	17	177
Days with ·04 in. or more	8	6	4	9	15	11	18	12	13	14	8	13	131

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3286

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Leazes Park.
in the City and County of Newcastle-upon-Tyne.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground - ft. 12½ in.
" Ground " Sea Level 255 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Records taken in Millimetres should be entered on Form 1091.

Jan. 1, following.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.18	0.02	0.21	-	0.09	0.08	-	-	-	-	0.18	0.03	1
2	0.21	0.02	0.11	0.22	-	-	0.03	-	0.03	-	0.04	-	2
3	0.56	-	0.01	-	-	-	0.03	-	0.03	0.17	0.34	0.04	3
4	0.21	-	-	0.05	0.17	-	-	-	-	-	0.07	-	4
5	0.05	~~[illegible]~~	-	-	0.19	-	-	0.11	0.03	-	0.04	-	5
6	-	0.07	-	0.49	0.07	-	-	0.31	-	0.01	0.18	-	6
7	-	0.02	~~0.11~~	0.15	0.08	-	-	0.11	0.19	0.02	0.37	0.02	7
8	-	0.03	0.11	0.11	0.17	-	-	0.38	-	-	0.01	0.15	8
9	-	-	-	0.04	0.01	-	0.04	-	0.71	-	0.01	0.04	9
10	-	0.40	0.18	-	-	-	-	0.04	0.03	-	0.02	-	10
11	-	0.45	0.08	-	0.17	-	-	0.09	0.06	0.04	0.08	0.11	11
12	-	0.08	-	[illegible]	-	-	-	0.08	-	0.08	-	-	12
13	-	·23	0.02	[illegible]	-	-	-	0.03	0.01	-	-	-	13
14	-	·10	-	-	-	-	-	-	-	-	-	0.17	14
15	-	0.04	0.01	0.03	-	-	-	-	0.11	0.02	-	-	15
16	-	0.12	0.01	0.07	-	-	-	-	0.09	0.20	-	0.01	16
17	-	0.08	0.04	0.06	-	-	-	-	0.06	-	-	-	17
18	-	-	-	0.43	0.06	-	-	-	-	0.04	-	0.51	18
19	-	-	0.04	-	0.12	-	-	-	0.71	0.15	-	0.61	19
20	-	~~[illegible]~~	0.49	-	0.02	-	0.34	0.04	0.04	0.36	-	0.98	20
21	-	0.03	0.02	-	-	-	0.04	0.81	0.06	0.04	-	0.61	21
22	-	-	0.05	-	0.01	-	-	0.44	0.58	0.25	0.01	0.01	22
23	0.15	0.03	-	-	0.75	-	-	0.15	0.16	0.09	0.04	0.05	23
24	-	0.11	0.12	0.01	0.33	-	-	-	0.03	0.09	0.12	-	24
25	0.04	0.15	0.15	-	0.20	-	0.07	-	0.23	-	0.06	-	25
26	0.06	-	-	0.40	0.15	-	0.66	0.12	-	0.13	0.12	-	26
27	-	-	-	0.07	0.11	-	0.63	0.09	-	0.04	0.03	-	27
28	0.07	0.04	-	0.01	0.01	-	-	-	-	0.12	0.19	0.08	28
29	0.27	X	-	0.51	-	-	-	-	0.06	0.02	0.46	0.44	29
30	0.03	X	-	0.28	-	-	-	0.03	0.01	-	0.20	0.26	30
31	0.02	X	0.31	X	-	X	-	-	X	0.04	X	0.21	31
TOTAL	1.85	1.99	1.96	3.08	2.71	0.08	1.84	2.83	3.23	1.91	2.57	4.33	YEAR'S TOTAL 28.38
Days with ·01 in. or more.	17	~~17~~ 18	17	~~17~~ 18	18	1	8	15	20	19	20	18	~~182~~ 184
Days with ·04 in. or more.	10	~~11~~ 12	12	14	14	1	6	13	13	15	15	14	~~138~~ 139

721

28.38

(Signed) W. J. Steele [P.T.O.

Section A for the entry of Daily Observations.

FOR OFFICIAL USE.

3285

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1926.

Kept at Leazes Park.
in the City and *County of* Newcastle-upon-Tyne.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground - ft. 12¼ in.
" Ground " Sea Level 255 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.22	-	-	-	-	-	-	-	0.05	0.29	0.65	0.01	1
2	0.16	0.04	-	-	-	-	-	0.03	-	-	0.27	-	2
3	0.16	0.19	0.07	-	-	-	-	-	-	-	0.01	-	3
4	0.01	0.05	0.19	0.08	0.01	-	-	0.33	-	-	0.22	0.02	4
5	0.03	0.18	0.02	-	0.05	-	0.13	0.12	0.02	0.01	0.01	0.14	5
6	0.05	0.21	0.03	-	0.15	-	1.06	0.04	-	0.04	0.12	-	6
7	-	0.48	0.02	-	0.02	0.11	0.03	-	-	-	-	-	7
8	0.05	0.17	0.03	-	0.01	0.10	0.01	-	0.19	0.33	0.32	-	8
9	-	-	0.46	-	0.12	0.49	0.20	-	0.06	0.04	0.12	-	9
10	-	-	0.03	-	0.01	0.05	-	0.08	-	-	0.22	-	10
11	-	-	-	-	0.08	0.02	-	0.09	-	0.01	0.08	-	11
12	-	-	-	-	0.07	0.08	-	0.05	0.02	0.43	-	-	12
13	0.03	0.18	-	-	0.10	0.05	-	0.01	-	0.29	-	0.23	13
14	0.08	0.24	-	0.05	-	0.42	-	0.16	-	0.04	0.01	-	14
15	0.15	0.01	-	0.07	0.01	0.67	-	0.62	0.13	-	0.23	-	15
16	0.03	0.04	-	-	0.10	0.08	-	0.18	0.05	-	0.18	-	16
17	0.01	-	-	0.10	0.08	0.03	0.04	-	-	-	-	-	17
18	0.04	0.02	0.08	0.21	-	-	1.16	0.18	-	-	0.52	-	18
19	-	0.10	0.04	-	-	-	0.39	0.03	1.12	-	0.02	-	19
20	-	0.03	0.01	-	0.28	0.05	0.04	0.11	0.36	-	0.14	-	20
21	0.41	0.10	-	0.20	0.35	0.08	0.28	0.02	-	0.12	0.01	-	21
22	-	-	0.19	0.01	0.08	0.31	-	0.19	-	0.03	0.12	0.14	22
23	-	0.01	0.03	-	0.01	0.37	0.05	0.03	0.05	0.33	0.01	-	23
24	0.04	-	-	-	0.18	-	0.25	-	0.13	0.30	-	-	24
25	0.07	-	-	0.15	0.15	0.08	-	-	-	0.41	0.22	-	25
26	-	-	-	0.07	0.81	-	0.04	-	0.25	-	0.04	0.04	26
27	-	0.18	-	0.05	0.11	0.15	0.23	-	-	0.33	0.03	0.18	27
28	0.37	0.01	0.05	0.04	0.15	-	0.17	-	-	0.02	0.34	-	28
29	0.08	X	-	0.03	0.08	-	-	-	-	0.21	0.02	-	29
30	0.02	X	0.03	0.01	0.03	-	-	0.18	0.04	-	0.04	-	30
31	0.09	X	-	X	0.08	X	-	0.08	X	-	X	-	31
TOTAL	2.10	2.24	1.28	1.07	3.12	3.14	3.85	2.50	2.47	3.23	3.95	0.76	YEAR'S TOTAL 29.73
Days with ·01 in. or more.	20	18	15	13	25	17	15	19	13	17	25	7	204
Days with ·04 in. or more.	14	13	7	10	18	15	13	14	11	13	17	~~4~~ 5	150 ~~139~~

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) W. J. Steele [P.T.O.

CITY ENGINEER

3269

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

Kept at Leazes Park, Newcastle-on-Tyne

in the City and *County of* Newcastle-upon-Tyne.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground - ft. 12¼ in.

„ Ground „ Sea Level 255 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	0.09	0.34	-	0.09	-	-	-	-	0.36	-	1
2	0.01	-	0.06	0.17	0.27	-	-	-	-	0.12	0.17	-	2
3	-	-	0.08	0.01	-	-	-	-	-	-	0.06	-	3
4	0.01	-	0.09	0.08	0.38	0.01	-	-	-	-	-	-	4
5	0.12	0.12	0.23	-	-	0.06	1.05	-	-	-	0.11	0.04	5
6	-	0.09	0.08	0.02	-	0.11	0.06	0.95	0.10	-	0.01	-	6
7	-	0.28	0.16	-	-	0.03	0.58	-	-	-	0.71	-	7
8	-	-	0.04	0.01	-	-	-	1.93	-	-	-	0.03	8
9	0.26	-	-	0.42	-	-	-	0.08	-	-	0.07	0.01	9
10	-	-	0.11	0.01	-	-	-	0.03	0.35	-	0.13	-	10
11	-	-	-	0.08	-	-	-	-	0.03	-	0.21	-	11
12	0.05	-	0.04	-	-	0.02	-	-	-	0.23	0.52	0.07	12
13	0.21	-	0.04	0.01	0.18	0.09	-	0.15	0.04	-	0.04	0.01	13
14	0.01	-	-	0.28	0.23	-	-	0.31	0.04	-	0.04	1.04	14
15	-	-	-	0.01	0.04	-	-	0.02	-	0.04	0.11	0.06	15
16	-	-	-	0.04	0.12	0.21	-	0.11	-	0.01	-	0.04	16
17	-	-	-	-	-	-	-	-	0.14	-	0.01	0.07	17
18	-	-	-	-	-	-	-	0.65	-	0.08	-	0.16	18
19	-	-	-	-	-	0.16	-	0.32	0.13	0.01	0.35	0.34	19
20	-	-	-	-	0.04	-	-	0.17	1.03	-	0.05	0.09	20
21	0.11	-	-	0.01	0.11	0.01	0.34	0.05	1.05	0.01	0.06	0.64	21
22	0.03	0.05	0.25	-	-	0.03	0.53	0.23	0.73	0.62	0.03	0.63	22
23	-	-	0.08	0.02	0.10	0.44	0.38	0.12	0.05	0.01	0.14	0.22	23
24	-	-	0.12	0.16	0.14	0.06	-	0.10	0.18	0.05	-	0.09	24
25	0.02	-	0.34	0.48	-	0.98	0.06	0.01	0.04	0.11	-	0.62	25
26	0.39	0.03	0.01	0.01	-	0.04	0.12	0.22	0.19	0.17	-	0.15	26
27	0.14	0.09	0.08	-	-	0.06	0.28	0.10	-	-	-	0.14	27
28	0.18	0.06	0.03	-	-	-	-	-	0.22	-	-	-	28
29	0.10	X	0.02	-	-	-	-	-	-	-	-	0.01	29
30	0.04	X	0.12	0.06	-	1.39	-	0.04	0.11	-	-	0.03	30
31	-	X	0.01	X	0.06	X	-	-	X	0.01	X	0.03	31
TOTAL	1.68	0.72	2.08	2.22	1.67	3.79	3.40	5.59	4.43	1.47	3.18	4.52	YEAR'S TOTAL 34.75
Days with ·01 in. or more.	15	7	21	19	11	17	9	19	16	13	19	22	188
Days with ·04 in. or more.	10	6	17	10	11	12	9	16	14	8	16	16	145

40-12-1-27
144w)

(Signed) W. J. Steele
CITY ENGINEER.

[P.T.O.

3353

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 192~~9~~.

1928

Kept at Leazes Park, Newcastle-upon-Tyne.
in the City and *County of* Newcastle-upon-Tyne.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ft. 12¼ ins.
" Ground " Sea Level 255 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·08	·02	·23	·13	-	-	·26	-	-	-	·11	-	1
2	-	·14	·31	-	-	-	-	-	·02	-	·25	-	2
3	·01	·01	-	-	·17	-	-	-	·09	-	-	-	3
4	-	·10	-	-	-	-	·21	-	-	-	·11	-	4
5	-	·02	-	-	-	-	-	-	·07	·18	·21	-	5
6	·04	·01	-	-	-	-	·02	·13	-	·01	·05	·05	6
7	·08	-	·01	-	-	·30	-	·12	·10	·33	-	-	7
8	-	·15	-	-	-	·33	-	·18	·05	-	·01	-	8
9	·13	·17	-	·01	-	·17	-	-	·03	·35	·03	-	9
10	·04	-	-	·22		-	-	·03	·21	·08	·11	-	10
11	-	-	-	·11	·02	-	-	·64	-	1·09	·18	·35	11
12	·01	·04	-	-	·01	·03	-	·03	-	—	-	·02	12
13	·03	·21	1·38	-	·11	1·74	-	·12	-	-	-	-	13
14	·08	·06	-	·02	-	·43	-	-	-	·25	·05	-	14
15	·09	·01	-	·03	·15	·07	-	-	-	·03	-	·16	15
16	·07	·21	-	-	·05	·01	-	-	-	·01	·04	·31	16
17	·02	-	-	-	·17	·29	-	-	·05	-	·61	-	17
18	·53	·01	·06	-	·16	·07	-	-	-	-	-	-	18
19	·01	-	·07	·07	·11	·03	-	·22	·01	-	·41	·05	19
20	·01	-	·05	·31	·09	-	-	1·05	·07	-	·11	-	20
21	·01	-	·07	-	·05	·11	-	·21	-	·25	·02	-	21
22	·01	-	·06	-	·01	-	-	·01	·05	-	·01	·01	22
23	·19	-	·13	-	-	-	-	·46	-	·01	·13	-	23
24	·03	-	-	-	-	-	-	-	·10	-	·05	·01	24
25	·01	-	-	-	-	·12	-	·31	·01	-	-	·13	25
26	·16	-	-	-	-	·06	·97	·23	-	-	-	·01	26
27	·01	-	-	-	-	-	·03	·13	-	-	-	·07	27
28	·13	-	·11	-	-	·11	·05	-	·04	-	-	·01	28
29	·50	-	·12	·03	-	-	·02	·54	-	·10	-	·38	29
30	·11	✕	·07	-	·05	-	-	-	·08	-	-	-	30
31	·17	✕	·11	✕		✕	-	·06	✕	·15	✕	-	31
TOTAL	2·56	1·16	2·78	·93	1·15	3·87	1·56	4·47	·98	2·84	2·49	1·56	YEAR'S TOTAL 26·35
Days with ·01 in. or more.	26	14	14	9	13	15	7	17	15	13	18	13	174
Days with ·04 in. or more.	15	7	13	5	10	12	4	14	11	9	14	8	122

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(Signed) W. J. Steele

CITY ENGINEER.

P.T.O.

3435

Section **A** **for the entry of Daily Observations.**

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Leazes Park, Newcastle-upon-Tyne

in the County of Newcastle-upon-Tyne.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground - ft. 12¼ in.

,, Ground ,, Sea Level 255 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.01	0.21	-	-	-	0.31	-	0.03	-	-	-	0.01	1
2	0.15	-	-	0.05	-	0.04	-	0.28	-	0.09	-	0.04	2
3	0.17	-	-	0.02	0.04	0.26	0.01	0.23	0.15	-	0.06	0.08	3
4	0.08	0.01	-	0.37	-	-	0.52	0.42	-	0.04	0.04	0.04	4
5	0.08	-	-	-	0.03	0.28	0.28	0.14	-	0.27	0.03	0.01	5
6	0.03	-	-	-	0.63	0.09	-	0.56	-	0.03	-	0.25	6
7	0.02	-	-	-	0.01	-	-	0.03	-	0.20	0.05	0.01	7
8	0.01	-	-	-	-	-	-	0.02	-	0.27	0.09	0.09	8
9	0.33	-	-	-	-	0.04	0.01	-	-	0.01	0.52	0.01	9
10	0.34	-	-	-	0.01	-	0.06	0.09	-	-	0.07	0.29	10
11	0.01	-	-	0.09	0.10	-	-	-	-	-	0.04	0.05	11
12	0.14	-	-	0.05	-	0.46	-	-	0.07	-	0.07	0.01	12
13	-	-	-	-	0.03	-	-	0.21	0.01	0.04	-	-	13
14	-	-	-	0.01	0.01	0.04	-	-	-	-	-	-	14
15	-	-	-	0.08	0.23	0.09	-	-	-	-	-	-	15
16	-	-	-	-	-	-	-	0.15	-	-	0.02	-	16
17	0.40	-	-	-	-	-	-	0.12	-	-	0.35	-	17
18	-	-	-	-	-	-	-	-	-	-	0.24	-	18
19	-	-	-	-	-	-	-	-	0.02	-	-	-	19
20	-	-	-	0.08	-	-	-	0.06	0.02	-	-	-	20
21	-	0.28	0.49	-	-	0.11	-	0.22	-	0.05	-	0.25	21
22	-	-	0.01	-	-	-	0.46	0.14	-	-	-	-	22
23	-	-	-	0.08	-	0.06	-	0.03	-	0.58	0.01	0.72	23
24	-	-	-	0.01	0.10	-	-	0.09	-	0.31	0.18	0.68	24
25	0.14	-	-	-	-	-	-	-	-	0.01	0.40	-	25
26	0.01	-	-	0.35	-	-	-	-	-	0.05	0.01	-	26
27	0.11	-	-	0.04	-	-	-	0.38	-	0.09	0.06	-	27
28	0.63	0.12	-	0.34	-	-	0.28	-	0.55	0.05	0.25	0.37	28
29	-	×	-	-	-	-	0.03	0.04	0.02	0.09	0.01	0.06	29
30	-	×	-	-	-	-	0.28	-	0.05	0.04	0.49	-	30
31	0.05	×	-	×	-	×	0.53	0.01	×	-	×	0.03	31
TOTAL	2.71	0.62	0.50	1.57	1.09	1.78	2.46	3.25	0.89	2.22	2.99	2.97	YEAR'S TOTAL 23.05.
Days with ·01 in. or more.	18	4	2	13	10	11	10	20	8	17	20	18	151
Days with ·04 in. or more.	12	3	1	10	5	11	7	15	4	14	15	12	109

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(Signed) W. J. Steele

CITY ENGINEER.

P.T.O.

3504

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Leazes Park

in the County of Newcastle-upon-Tyne

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground - ft 12¼ ins

,, Ground ,, Sea Level 255 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.21	0.65	-	0.18	-	0.04	-	0.68	-	-	0.08	-	1
2	0.07	0.11	-	0.07	-	-	-	0.46	-	-	0.49	-	2
3	-	0.06	-	-	0.04	-	-	0.10	0.03	0.39	0.10	-	3
4	0.01	0.17	-	-	0.04	-	-	0.39	0.13	-	-	-	4
5	0.07	0.48	0.09	-	0.03	-	-	-	-	0.20	-	-	5
6	-	0.24	-	0.21	0.02	-	-	-	0.15	0.16	-	-	6
7	0.08	-	-	0.10	0.48	-	-	0.34	0.18	0.05	-	0.09	7
8	-	0.05	-	-	0.15	-	-	0.07	-	0.32	-	-	8
9	0.37	-	0.17	-	0.19	0.01	-	0.21	0.27	-	-	-	9
10	0.22	-	-	0.32	-	-	-	0.03	0.03	0.06	-	-	10
11	0.21	-	0.11	0.02	-	-	-	—	0.02	-	-	0.12	11
12	0.25	-	-	-	0.03	-	-	·91	-	-	-	0.13	12
13	0.43	-	-	-	0.20	-	0.23	·22	0.23	-	-	0.01	13
14	0.61	-	0.02	0.08	0.01	-	0.07	0.03	0.01	-	0.29	0.18	14
15	-	-	0.21	-	-	-	0.02	-	-	0.05	0.05	0.03	15
16	-	0.03	0.93	-	-	0.06	0.27	-	0.02	0.03	-	0.01	16
17	-	-	0.18	0.04	0.03	0.52	0.03	-	0.68	-	-	-	17
18	-	-	0.20	-	-	-	0.25	0.02	0.09	0.02	0.28	-	18
19	-	-	-	-	-	0.12	0.02	0.19	0.08	0.06	0.06	-	19
20	-	-	-	0.29	-	0.05	0.99	0.60	-	-	0.14	-	20
21	0.02	-	0.07	-	-	0.09	0.52	0.13	-	0.06	0.02	-	21
22	0.02	0.06	-	-	-	-	1.50	-	-	0.08	-	-	22
23	0.04	-	-	0.08	0.08	-	0.01	-	-	-	-	-	23
24	-	0.01	-	0.12	-	-	-	-	-	-	0.20	-	24
25	-	0.05	-	0.03	-	-	-	-	0.51	-	0.04	0.02	25
26	0.69	0.03	-	0.14	-	-	-	-	0.06	-	-	0.05	26
27	0.21	-	-	-	0.02	-	0.04	0.07	0.01	-	-	0.42	27
28	-	-	-	-	-	-	-	-	0.05	-	-	0.13	28
29	-	×	-	-	-	-	0.25	0.52	0.05	0.04	-	0.28	29
30	-	×	-	-	-	0.03	-	0.38	-	-	-	0.48	30
31	0.40	×	-	×	0.01	×	-	-	×	0.17	×	0.06	31
TOTAL	3.91	1.94	1.98	1.68	1.33	0.92	4.20	5.35	2.60	1.69	1.75	2.01	YEAR'S TOTAL 29.36
*Days with ·01 in. or more.	17	12	9	13	14	8	13	18	18	14	11	14	161
*Days with ·04 in. or more.	14	9	8	11	9	6	9	15	12	12	10	10	123

40-9999

(Signed) W. J. Steele
City Engineer

P.T.O.

*See Instruction 2 (*f*) on other side.

3298

4 JAN 1922

Form A. 1. METEOROL

NEWCASTLE ON TYNE
LITERARY PHILOSOPHICAL Soc
NORTHUMBERLAND
1921 - 1927

RGANIZATION.

RE 21.

Kept at Lit & Phil g
10am
in the County of N n Central
Rain Gauge 8 in.
by above Ground 55 ft. in.
" Sea Level 160 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1									·46		·10		1
2								·92	·11				2
3					·06			·09		·03	·16		3
4	·36							·16		·14			4
5	02		·13					·01		·06			5
6				·09	·22	·12		·61					6
7			·13		·36						1·35	·16	7
8								·02					8
9		·15			·08	·17		·07					9
10								·31	·08				10
11								·29					11
12					·30			·20			·04		12
13	1·76							·05					13
14				·25					·75				14
15								·06					15
16			·12				·22						16
17	·30				·28			·06					17
18	·36										·04		18
19				·40							·65	·25	19
20				·02						·01		·14	20
21						·16					·10	·05	21
22			·10			·08		·30		·67	·26		22
23				·16		·10	·15	·16					23
24										·82			24
25	·65			·50			·38						25
26			·15										26
27				·10	·03			·11					27
28							·23					·41	28
29			·11				·52	1·40				·12	29
30		X			·09		·04	1·47					30
31		X		X	·12	X			X		X	·22	31
Total	3·45	·15	·74	1·52	1·54	·63	1·54	6·29	1·40	1·73	2·70	1·35	Year's Total 23·04
Days with ·01 in. or more	~~6~~	~~1~~	~~6~~	~~7~~	~~9~~	~~5~~	~~6~~	~~18~~	~~4~~	~~6~~	~~8~~	~~7~~	~~63~~
Days with ·04 in. or more	~~5~~	~~1~~	~~6~~	~~6~~	~~8~~	~~5~~	~~6~~	~~16~~	~~4~~	~~4~~	~~8~~	~~7~~	~~70~~

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3298

14 JAN 1922

Form A. 1. **METEOROL**[redacted]**RGANIZATION.**

R[redacted]21.

Kept at Lit & Phil Soc. Newcastle on Tyne

in the County of Northumberland

by

Lat. Long.

Time of Observation 10 am

Nearest Railway Station Central

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 55 ft. in.

" " " " Sea Level 160 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1									.46		.10		1
2								.92	.11				2
3					.06			.09		.03	.16		3
4	.36							.16		.14			4
5	02		.13					.01		.06			5
6				.09	.22	.12		.61					6
7			.13		.36						1.35	.16	7
8								.02					8
9		.15			.08	.17		.07					9
10								.31	.08				10
11								.29					11
12					.30			.20			.04		12
13	1.76							.05					13
14				.25					.75				14
15								.06					15
16			.12				.22						16
17	.30				.28			.06					17
18	.36										.04		18
19				.40							.65	.25	19
20				.02						.01		.14	20
21						.16					.10	.05	21
22			.10			.08		.30		.67	.26		22
23				.16		.10	.15	.16					23
24										.82			24
25	.65			.50			.38						25
26			.15										26
27				.10	.03			.11					27
28							.23					.41	28
29			.11				.52	1.40				.12	29
30					.09		.04	1.47					30
31					.12							.22	31
TOTAL	3.45	.15	.74	1.52	1.54	.63	1.54	6.29	1.40	1.73	2.70	1.35	YEAR'S TOTAL 23.04
Days with ·01 in. or more	~~6~~	~~1~~	~~6~~	~~7~~	~~9~~	~~3~~	~~6~~	~~18~~	~~4~~	~~6~~	~~8~~	~~7~~	~~63~~
Days with ·04 in. or more	~~5~~	~~1~~	~~6~~	~~6~~	~~8~~	~~5~~	~~6~~	~~16~~	~~4~~	~~4~~	~~8~~	~~7~~	~~76~~

WD

3406

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Lit & Phil Soc. Newcastle on Tyne

in the County of Northumberland

by

Lat. Long.

Time of Observation 10 a.m.

Nearest Railway Station Central

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 55 ft. in.

" " " " Sea Level 160 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following. (nil)

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·20			·06		·04				·08	·05	1
2									·23	·37			2
3		·62	·13	·03									3
4							·05		·04	·15	·24		4
5				·04									5
6							1·59			·20	·17		6
7				·10			·74		·03				7
8								·63				·12	8
9	·23		·13					·94		·03			9
10			·30			·07	·59						10
11										·03	·20		11
12													12
13				·56		·52	·22		·18	·08			13
14							·25	·27	1·10				14
15				·53		·17	·27		·33				15
16	1·34	·67						·08				·33	16
17					·49		·80	·25					17
18		·42		·11					·08			·65	18
19						·08	·32					·01	19
20													20
21								·15	·45	·20		1·35	21
22			·22		·05		·12	·16	1·00			·04	22
23			·03		·26			·06		·07			23
24				·21		·15				·06			24
25			·20		·10			·03					25
26						·11							26
27	·94		·30	·20			·24		·28	·17		·11	27
28		·43	·21	·06		·20			·20	·17	·16	·05	28
29			·03	·03			·26	·12	·49			·03	29
30	·40	X				·05				·18		1·35	30
31		X	·15	X		X	·23	·02	X	·28	X		31
TOTAL	·20 ~~2·91~~ 3·11	~~2·34~~ 2·14	1·70	·06 ~~1·87~~ 1·93	~~·96~~ ·90	·04 ~~1·35~~ 1·39	~~5·72~~ 5·68	2·71	4·41	·08 ~~1·99~~ 2·07	·05 ~~·85~~ ·82	~~4·09~~ 4·04	YEAR'S TOTAL 30·90
Days with ·01 in. or more	4	5	10	10	5	8	14	11	12	13	5	11	108
Days with ·04 in. or more	4	5	8	8	5	8	14	9	11	11	5	9	97

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

The Rainfall at Lit.& Phil.Soc.
Newcastle.
measured on the morning of

January 1st, 19 23.

was No record was taken until 3rd January, as premises were closed on 1st and 2nd.

Signed Henry Richardson

This form should be enclosed in the envelope herewith and returned to the Superintendent,

British Rainfall Organization,
Meteorological Office,
Air Ministry,
Kingsway,
London, W.C.2.

H.Richardson,Esq.,
Lit. & Phil.Soc.
NEWCASTLE-on-TYNE.

File No.
AIR MINISTRY
REC'D 3-MAY 923
Allocated to M05
with enclosures
DISTRIBU

~~W~~ / ~~DOS~~ 'costly surv. stns

3428

8 JAN 1924

AIR MINISTRY.

Form 1090 METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Lit. & Phil. Soc. Newcastle

in the County of Northumberland

by

Lat. Long.

Time of Observation 10 a.m.

Nearest Railway Station Central

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 55 ft. in.

" " " " Sea Level 160 ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in	in.	in.	in	in.	in.	in	in.	
1		·07	·22				·03						1
2	·40			·81				·13	·07	·06	·08	·20	2
3						·26			·34	·31	·15		3
4		·07	·29			·02	·03			·02	·10	·24	4
5	·12		·07		·35						·17		5
6		·13	·10					·51	·01				6
7	·14	·25	·22			·03	·07				·07	·06	7
8	·07		·20				·21	·37		·23	·01		8
9	·01	·30	·20	·46	·32		·09				·15		9
10				·70	·37		·30					·18	10
11	·11	·27			·14						·14		11
12				·12		·13		·37	·12	·11	·84	·08	12
13		·15			·35				·01		·04		13
14												·02	14
15		·25			·11	·06	·10				·50		15
16		·01			·65			·29		·24	·20	·10	16
17					·02	·11		·02	·38				17
18		·23		·01	·04					·11		·08	18
19							·20	·10	·04		·21	·16	19
20						·02		·38	·13		·57		20
21		·16							·06	·08	·12	·38	21
22	·07				·05		·07	·18		·02	·12		22
23								·30		·11	·05		23
24				·13	·05	·25		·17	·27	·21			24
25		·70			·27		·11		·17	·10		+ ·48 }	25
26		·46		·05	{ + ·24					·17		+	26
27		·06	·12		+		·06	·07		·29	·27	·11	27
28		·22	·15		·03		·05	·07			·40	·06	28
29	·36			·30			·27	1·39		·22	·32	+ ·65 }	29
30		×					·73					+	30
31		×		×	·03	×	·19		×		×	·04	31
Total	1·28	3·33	1·57	2·58	3·02	·88	2·51	4·35	1·60	2·28	4·51	2·84	Year's Total 30·75
Days with ·01 in. or more	8	15	9	8	16 ~~15~~	8	15	14	11	15	20	17	156
Days with ·04 in. or more	7	14	9	7	13 ~~15~~	5 ~~6~~	13 ~~15~~	13 ~~14~~	9	13 ~~14~~	19	16	~~[illegible]~~ 138

3248

FOR OFFICIAL USE.

1 JAN 1925

County No.

River Dist.

Station No.

AIR MINISTRY.

FORM a1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Literary & Philosophical Soc. Newcastle-upon-Tyne

in the County of Northumberland

by

Lat. Long.

Time of Observation 10 a.m.

Nearest Railway Station Central

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 55 ft. in.

" " " " Sea Level 160 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date	
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1				·05		·34	·12	·21			·27		1	RRR
2	·38				·21		·01	·02			·16	·66	2	ELY
3					·18		·61			·03		·06	3	C
4							·04					·58	4	AWB
5					·04	·06				2·25		·12	5	
6					·46	·33	·16			·40		·01	6	
7		·01		·03	·26	·52			·58				7	
8	·10				·16				·04			·28	8	
9	·01			·17	·06	·05	·05		·23	·02			9	
10	·09	·38		·01		·04				·08			10	
11	·15	·25			·06						·06		11	
12	·35	·02			·14	·18		·68					12	
13	·00			·31	·02							·16	13	
14				·01				·05	·05				14	
15							·07		·12			·18	15	
16					·04				·05				16	
17	·09					·20	·08	1·25			·01		17	
18	·20	·61			·78		1·48	·03			·05		18	
19			·02		·17	·03	·46		·62	·11			19	
20	·07				·03	·05		·32					20	
21	·26		·05		·10		·37	·03	·62				21	
22	·39				·04		·13	·10	·34			·05	22	
23	·16		·76	·19	·03			·24	·13		·18	·03	23	
24	·01	·08	·13	·09			·93	·37					24	
25		·14		·07	·78		·24		·22		·09	·10	25	
26			·01	·60			·12			·47	·30	·05	26	
27	·05	·20								·12	·02		27	
28	·01			·23			1·30	·13		·06	·07	·08	28	
29		·01		·01		·19	·24	·11		·31		·34	29	
30		×			·58		·37		·14	·05			30	
31		×		×	3·08	×		·05	×	·13	×		31	952
TOTAL	2·37	1·70	·97	1·77	7·22	1·99	6·78	3·59	3·14	4·03	1·21	2·70	YEAR'S TOTAL 37·47	
Days with ·01 in. or more.	16	9	5	12	20	11	18	14	12	12	10	14	~~153~~	
Days with ·04 in. or more	13	6	3	8	17	10	17	11	12	10	8	12	~~127~~	

Entered on Inspection [illegible]

[illegible] recommended [illegible] referred 26

3285

Section A for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Literary & Philosophical Soc.

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 55 ft. in.

" Ground " Sea Level 160 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1			·35		·04						·20	·04	1
2	·27		·11	·25			·04				·08	·05	2
3			·04				·03		·20		·37		3
4	·95				·21						·08		4
5				·37	·18			·11			·01		5
6		·04		·25	·08			·36	·04		·14		6
7				·20	·09			·12	·22		·47		7
8			·04	·06	·18							·19	8
9	·01			·06			·05	·51	·86			·03	9
10		·47	·20		·03			·04	·03		·16		10
11		·50	·04		·11			·09	·04	·20		·12	11
12		·08		·14						·10			12
13		·32						·03					13
14		·13										·12	14
15		·12		·06					·18	·01			15
16		·30	·02	·04					·08	·23			16
17		·09		·08		Nil			·09				17
18		·02		·54	·05					·04		1·70	18
19		·11	·32		·16				·94	·19			19
20			·27		·01		·36	·03	·01	·39		·46	20
21								1·10	·06	·06		·68	21
22			·03	·03				·68	·66	·25	·03		22
23	·20	·14			·61				·17	·09	·02		23
24		·09	·18	·03	·82				·01	·08	·02		24
25	·02	·23	·15		·29				·31		·13		25
26	·05	·10		·38	·18		·85	·10	·02	·15			26
27		·01		·10	·14		·67	·11		·06	·30		27
28	·09			·02			·05			·15	·48	·08	28
29	·24			·45					·06	·02		·70	29
30		X		·43							·12	·15	30
31		X	·30	X		X			X	·02	X	·41	31
TOTAL	1·83	2·72	2·05	3·49	3·18		2·05	3·28	3·98	2·04	2·61	4·23	YEAR'S TOTAL 31·49
Days with ·01 in. or more.	11 ~~8~~	16	13	18	16		7	12	18	16	17 ~~15~~	14 ~~13~~	158 ~~152~~
Days with ·04 in. or more.	9 ~~8~~	14	11	15	14		6	10	14	13	12 ~~11~~	13 ~~12~~	131 ~~126~~

800

(Signed) J. H. Marr, Sub-Librarian

P.T.O.

** *The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 1925

NOTE.—Records taken in millimetres should be entered on Form 1091.

At Literary & Philosophical Soc

In the County of Northumberland

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 55 ft. in.
- *Height of Ground above Sea Level* 160 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in or more
	Inches.	Inches.	Date.		
JAN.	1·83	·95	4	8	6
FEB.	2·75	·50	11	16	14
MAR.	2·05	·35	1	13	11
APR.	3·49	·54	18	18	15
MAY	3·18	·82	24	16	14
JUNE	nil				
JULY	2·05	·85	26	7	6
AUG.	3·28	1·10	21	12	10
SEPT.	3·98	·94	19	18	14
OCT.	2·04	·39	20	16	13
NOV.	2·61	·48	28	15	11
DEC.	4·23	1·20	18	13	12
Total	31·49			152	126

Signature H Ward
Sub Librarian

* *Every observer is requested to fill in this section (especially if a change has been made in the position of the gauge or in its exposure), and also the space for notes as far as possible :—*

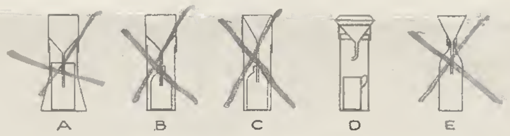
Name and Address to which any correspondence relating to this register should be sent :—
Literary & Philosophical Society
Newcastle upon Tyne

Latitude of Station.................... Longitude.................... Hour of observation 10AM
Nearest Railway Station Central Distance 100 yds Direction W
Nearest Parish Church St Nicholas Distance do Direction N

If gauge has been moved during the year state—
Date of move.................... Distance.................... Direction....................

Nature of objects nearest to gauge				
Heights of objects				
Distances ...				
Directions...				

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)



If you know of any record of rainfall not quoted in *British Rainfall*, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall ?
(b) What note was made of the times of beginning and end of this fall ?
(c) When was the measurement made ?

M.O. 7
13 JAN 1926

D INSTRUCTIONS.

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C. 2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m. Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st ; it is therefore the amount measured on January 2nd.*

(b) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005 ; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17} 18} ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "total number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace."*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

London : Published by His Majesty's Stationery Office. To be purchased directly from H.M. Stationery Office at the following addresses : Adastral House, Kingsway, London, W.C.2 ; 28, Abingdon Street, London, S.W.1 ; York Street, Manchester ; 1, St. Andrew's Crescent, Cardiff ; or 120, George Street, Edinburgh ; or through any Bookseller. 1925. *Price 1d. net.*

Printed under the authority of His Majesty's Stationery Office by JAS. TRUSCOTT & SON, LTD., Suffolk Lane, Cannon Street, E.C.

(*651) Wt. 10147—12525/772. 11,500. 12/25. T.S. 128.

A.M. Form 906.

AIR MINISTRY, METEOROLOGICAL OFFICE.

SOUTH KENSINGTON, LONDON, S.W. 7.

QUERY FORM.

On examination of the return of observations made at Newcastle for 1925

the following queries arise by comparison of the readings with the charts, &c. The Director will be obliged if the book containing the original observations may be referred to and this paper returned, with the required information, as soon as possible.

QUERY.	REPLY.
The total rainfall for 1925 is considerably larger than that reported from other stations in Newcastle as indicated below:— in. Lit. & Phil. Soc. 31·49 Leazes Park 28·38 Town Moor 28·32 Wellburn Jesmond 28·14 It seems possible that the large value may be due to one of the seams of the funnel having given way so that water can percolate into the receiver from the outside of the gauge. I should be glad therefore if the funnel could be tested for leaks by filling it with water and the result indicated on this form. It is also noticed that the gauge is on the roof which is not generally recommended for a rain-gauge exposure. If a position can be found on the ground level as recommended in the enclosed pamphlet it would be advantageous J Glasspoole 1.7.26.	Funnel & receiver both examined and found to be in order. I find on examining the records of past years, according to British Rainfall for 1922 & 1923, we have also been in excess of other stations in Newcastle This is not possible T. H. Marr Sub Librarian 10/7/26

Point, but on list for inspection JG

N.B.—This paper should be folded so as to bring the printed address outside, and returned immediately. Sealing is unnecessary and defaces or causes a gap in the paper, which is to be filed in the Meteorological Office.

For use in M.O. 7.

1. The amendments indicated in red ink are adopted......................
2. Necessary corrections made in Monthly Return..........................
3. " " " " Weekly (Form 3110)......................

For use in M.O. 2.

4. Necessary corrections noted in Forecast Division ....

(192) Wt. 2657—13917 2,000 5/26 T.S, 128

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3284

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1926.

Kept at Literary & Philosophical Society

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 55 ft. in.

„ Ground „ Sea Level 160 ft.

Annual total 3 ins high.
Gauge leaky
See encl. 4A File 716x11/26

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·12	·15							·17	·20	·84	·01	1
2	·11	·11							·08		·12		2
3	·31		·21										3
4		·05	·09								·20		4
5	·03	·21					·66				·01	·17	5
6	·22	{·73			·17		1·33	·41		·03	·12		6
7	·05				·05	·12							7
8	·05	·21				·42			·19	·33	·13		8
9		·16	·34		·10	·59	·21		·07				9
10					·11	·01		·06			·21		10
11		·18				·06		·06			·08		11
12					·10	·07		·09		·48	·01		12
13					·08	·02				·21	{·43	·30	13
14	·26	·54		·07		·52			·11	06			14
15	·22	·01		·05		·92		·88			·52	·03	15
16		·02			·05	·08		·17	·01		·17		16
17			·02							·09			17
18	{·40	·03	·08	·08			1·45	·22			·50		18
19		·10	·05	·16			·47		1·25				19
20			·07		·28	·12		·11	·26		·16	·02	20
21		·12	·03	·08	·31		·06			·16			21
22	·19		·06	·09				·25		·31	·10		22
23						{·77			·13	{·32			23
24	·02				·19		·10						24
25	·10			·38	·24					·17	·24		25
26		·18	·01		1·00		·20		·34		·03		26
27	·06	·02		·12	·08	·24	·35					·23	27
28	·40			·04	·43		21			·32	·35		28
29	·02		·04	·01	·13					·25	·06		29
30		X		·02				·20	·13				30
31	·14	X	·09	X	·07	X			X	·02	X		31
TOTAL	2·70	2·82	1·09	1·10	3·39	3·94	5·04	2·45	2·74	2·95	3·78	·76	YEAR'S TOTAL 32·76
Days with ·01 in. or more.	18	17	12	11	16	14	10	10	11	15	20	6	160
Days with ·04 in. or more.	15	13	9	9	16	12	10	10	10	13	16	3	136

[illegible] leaking

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) Thos H. Marr Sub-Librarian

P.T.O.

3268H

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

Northumberland/3

Form 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1927.

Kept at Literary & Philosophical Socy

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 55 ft. in.

" Ground " Sea Level 160 ft.

1925

Roof exposure

Total 2 to 3 ins low

observer informed roof/exp. too extreme not required in future unless gauge put in an orthodox exposure

See encl 10A file 71641/26

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made ~ 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

~~Get file~~ so that

observer can be written to re ... no

longer required.

Give annual total

for 1927 for all the

Newcastle stations

18.3.28

71641/26 13/3/28

Leazes Pk 34·75

Welbeck Jesmond 33·54

Deaf & Dumb Inst. 33·03

Date.										Oct.	Nov.	Dec.	Date.
										in.	in.	in.	
1											·23		1
2										·05	·14		2
3											·04		3
4													4
5													5
6											·08		6
7											·70		7
8													8
9											·15		9
10													10
11											·54	·10	11
12	·1											·05	12
13	·1									5	·04	·05	13
14	01									5	·04	·94	14
15											·10	·27	15
16													16
17													17
18													18
19											·31	·99	19
20	·16												20
21							·35	·20	1·04	·41	·15		21
22			·20			·03	·63	·41	·55	·23	·03	·57	22
23			·02		·15	·43	·29	·18	·04		·13	·19	23
24			·02	·11	·01	·04		·03		·04			24
25	·01	·02	28	·27			·08		·21	·10			25
26	·46		·08			1·08	·10		·18	·14		1·42	26
27	·13	·08				·03	·30						27
28	·14	·03						·26	·18	·11			28
29			·14				·05		·25		·04		29
30		×				1·48		·02		·01			30
31		×		×	·07	×			×		×		31 np/roof
TOTAL	1·64	·32	1·12	1·15	1·04	3·55	3·41	5·41	4·50	1·49	2·74	4·58	YEAR'S TOTAL 30·95
Days with ·01 in. or more.	10	7	12	10	9	15	13	14	16	13	16	12	147
Days with ·04 in. or more.	8	4	8	6	6	10	11	11	16	10	16	12	118

40-12-1-27
144w)

(Signed) T. H. Marr, Sub-Librarian np/roof [P.T.O.

3268A

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

Northumberland/3

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1927.

1925

Kept at Literary & Philosophical Socy

in the County of Northumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 55 ft. in.

„ Ground „ Sea Level 160 ft.

Roof exposure

Total 2 to 3 ins low
observer informed roof/exp. told
Records not required in future
unless gauge put in an
orthodox exposure
See encl 10A file 71641/26

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1				·26		·05	·07				·23		1
2				·06	·20					·05	·14		2
3			·02				·01				·04		3
4			·05	·53	·33								4
5	·13	}·12			·01		1·06		·07				5
6			·07	·01		·05	·10				·08		6
7		·06	·17			·01	·36	·91			·70		7
8	·31					·04			·07				8
9				}·15				1·89			·15		9
10			·07					·03	}·33				10
11				·02							·54	·10	11
12	·12											·05	12
13	·17				·20				·09	·25	·04	·05	13
14	·01				·04			·60	·08	·05	·04	·94	14
15				·24							·10	·27	15
16					·03	·16		·13		·05			16
17						·02			·19			}·94	17
18						·12		·60		·03			18
19								·15	·07	·02	}·31		19
20	·16					·01	·01		1·15				20
21		·01					·35	·20	1·04	·41	·15		21
22			·20			·03	·63	·41	·55	·23	·03	·57	22
23			·02		·15	·43	·29	·18	·04		·13	·19	23
24			·02	·11	–·01	–·04		·03		·04			24
25	·01	–·02	·28	·27		}1·08	·08		·21	·10		}1·42	25
26	·46		}·08				·10		·18	·14			26
27	·13	·08				·03	·30	}·26					27
28	·14	·03							·18	·11			28
29			·14				·05		·25		·04		29
30		×				1·48		·02		·01			30
31		×		×	·07	×			×		×		31 up/roof
TOTAL	1·64	·32	1·12	1·15	1·04	3·55	3·41	5·41	4·50	1·49	2·74	4·58	YEAR'S TOTAL 30·95
Days with ·01 in. or more.	10	7	12	10	9	15	13	14	16	13	16	12	147
Days with ·04 in. or more.	8	4	8	6	6	10	11	11	16	10	16	12	118

40-12-1-27
144w)

(Signed) T. H. Marr, Sub-Librarian up/roof

[P.T.O.

FORM 1090.

B Monthly Summary.

*** *The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 1927

At Literary & Philosophical Soc

In the County of Northumberland

Rain Gauge.
Diameter of Funnel 8 in.
Height of Top above Ground 55 ft. in.
Height of Ground above Sea Level 160 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				0·1 in. or more	·04 in. or more
	Inches.	Inches.	Date.		
JAN.	1·64	·46	26	10	8
FEB.	·32	·08	24	7	4
MAR.	1·12	·28	25	12	8
APR.	1·15	·24	25	10	6
MAY	1·04	·33	4	9	6
JUNE	3·55	1·48	30	15	10
JULY	3·41	1·06	5	13	11
AUG.	5·41	1·89	9	14	11
SEPT.	4·50	1·15	20	16	16
OCT.	1·49	·41	21	13	10
NOV.	2·74	·70	7	16	16
DEC.	4·58	·94	14	12	12
Total	30·95			147	118

Signature T. H. Marr
Sub-Librarian

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Literary & Philosophical Soc
Westgate Road, Newcastle on Tyne

Hour of observation by the clock—in Winter 10 am. in Summer 10 am

Nearest Railway Station Central Distance 100 yds Direction from gauge W

Nearest Parish Church at St Nicholas Distance 50 yds Direction from gauge E

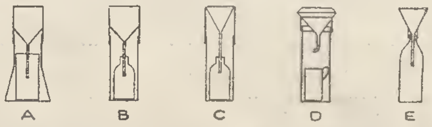
Nature of objects nearest to gauge				
Heights of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall** not quoted in **British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(*a*) Is it known that the gauge was empty at the beginning of the measured rainfall?
(*b*) What note was made of the times of beginning and end of this fall?
(*c*) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge, and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, *i.e.*, the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O.
25 JAN 1928

London: Published by His Majesty's Stationery Office. To be purchased directly from H.M. Stationery Office at the following addresses: Adastral House, Kingsway, London, W.C.2; 120, George Street, Edinburgh; York Street, Manchester; 1, St. Andrew's Crescent, Cardiff; 15, Donegall Square West, Belfast; or through any Bookseller. 1927. *Price* 1d. *net.*

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40-9999.

3301

3562

OPY by B.R.O.

NEWCASTLE
-
TOWN MOOR
NORTHUMBERLAN
1921 - 1930

FORM A. 1. **METEOROL** **ORGANIZATION**

RI **1921**

Kept at Newcast

in the County of No

by D C F Bald

Long

ion

Station

nel of Rain Gauge in.

Gauge above Ground ft. in.

„ „ Sea Level ft.

IMPORTANT NO … e result entered to the previous day.

If an Observer prefers … estly requested to add the reading at 9 a.m. o … led for it at the end of this paragraph. Full in … placing of rain gauges, and particulars as to th … *for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, … ganization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·13		·02					·82	·16				1
2	·30		·02		·06			·07		·05	·13		2
3	·10						·03	·19		·14	·15		3
4	·07	·01	·10			·11		·02		·08		·06	4
5		·03	·12	·05			·06	·54			1·02		5
6		·06	·06		·33							·14	6
7		·04						·02				·02	7
8					·09	·17		·06					8
9	·04					·02		·31	·09				9
10	·24							·15		·01			10
11	·31	·04			·23			·24			·06		11
12	1·71					·05		·05	·02				12
13				·20				·03	·80	·05		·01	13
14					·45		·01	·05	·02			·04	14
15			·10				·20					·06	15
16	·11		·07	·03	·04		·02	·11			·02		16
17	·41							·02	·02		·05		17
18			·09	·32			·01	·01			·69	·21	18
19	·01			·03	·06			·01	·05	·05	·05	·14	19
20						·16		·18		·02	·04	·07	20
21	·04		·08			·09		·09		·71	·22	·02	21
22	·03			·12		·13	·16	·18		·94	·04		22
23	·26	·01		·17			·20	·01			·01		23
24	·55	·02	·03	·32			·21			·02		·11	24
25	·07		·18	·02									25
26				·08		·15		·12				·15	26
27			·15		·05		·18	·41				·19	27
28			·03	·01	·15		·44	·56			·04	·14	28
29			·03				·09	1·93	·01				29
30		×			·11		·04					·20	30
31	·02	×		×		×		·47	×	·10	×		31
TOTAL	4·40	·20	1·08	1·35	1·57	·88	1·65	6·65	1·17	2·17	2·52	1·56	YEAR'S TOTAL 25·20
Days with ·01 in. or more	17	7 4	14	11	10	8	13	26	8	11	13	15	153
Days with ·04 in. or more	14	3	9	7	10	7	9	19	4	8	11	12	113

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

960 965 970 975 980

2301

by B.R.O.

3562

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1921.

Kept at Newcastle on Tyne

in the County of Northumberland

by D C Baldie

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·13		·02					·82	·16				1
2	·30		·02		·06			·07		·05	·13		2
3	·10						·03	·19		·14	·15		3
4	·07	·01	·10			·11		·02		·08		·06	4
5		·03	·12	·05			·06	·54			1·02		5
6		·06	·06		·33							·14	6
7		·04						·02				·02	7
8					·09	·17		·06					8
9	·04					·02		·31	·09				9
10	·24							·15		·01			10
11	·31	·04			·23			·24			·06		11
12	1·71					·05		·05	·02				12
13				·20				·03	·80	·05		·01	13
14					·45		·01	·05	·02			·04	14
15			·10				·20					·06	15
16	·11		·07	·03	·04		·02	·11			·02		16
17	·41							·02	·02		·05		17
18			·09	·32			·01	·01			·69	·21	18
19	·01			·03	·06			·01	·05	·05	·05	·14	19
20						·16		·18		·02	·04	·07	20
21	·04		·08			·09		·09		·71	·22	·02	21
22	·03			·12		·13	·16	·18		·94	·04		22
23	·26	·01		·17			·20	·01			·01		23
24	·55	·02	·03	·32			·21			·02		·11	24
25	·07		·18	·02									25
26				·08		·15		·12				·15	26
27			·15		·05		·18	·41				·19	27
28			·03	·01	·15		·44	·56			·04	·14	28
29			·03				·09	1·93	·01				29
30					·11		·04					·20	30
31	·02							47		·10			31
TOTAL	4·40	·20	1·08	1·35	1·57	·88	1·65	6·65	1·17	2·17	2·52	1·56	YEAR'S TOTAL 25·20
Days with ·01 in. or more	17	4	14	11	10	8	13	26	8	11	13	15	153
Days with ·04 in. or more	14	3	9	7	10	7	9	19	4	8	11	12	113

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

1/348 [illegible] end [illegible] 3408

3562

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1922.

by B.R.O. 1923

Kept at Newcastle, Town Moor
in the County of Northumberland
by D. C. Baldie

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	·10		·03			·03		·27		·02	·04	1
2		·48	·11	·01	·01		·03		·04	·01			2
3		·59	·07	·04				·05	·02	·12	·20		3
4		·02		·01	·03		·03		·02	·01			4
5							1·37			·24	·17	·03	5
6	·12		·01	·11			·70		·04	·01	·02		6
7	·14							·39		·02		·11	7
8	·07		·07				·48	·96	·05	·05		·02	8
9	·02		·27			·14		·05		·01	·08		9
10	·01		·01							·03	·09		10
11	·01				·01								11
12				·45		·29	·24	·23	·17	·12			12
13	·16	·01				·20	·27		1·00			·02	13
14				·51		·03	·20		·32		·01	·04	14
15	·30	·07		·11			·67	·06	·04	·01		·17	15
16	·30	·09		·04	·56	·05	·07	·25	·01	·03		·54	16
17		·30			·04				·04			·12	17
18	·17	·04				·09	·30		·02				18
19		·06	·06		·05								19
20			·12		·02		·08	·12	·31	·12		1·10	20
21	·16		·04	·06	·05			·22	·82	·03		·03	21
22	·02	·15	·08	·21	·25	·14	·03	·07	·01	·05		·02	22
23			·01	·04	·07	·36				·06			23
24	·05		·16	·02	·03	·03		·03		·01			24
25	·52		·30	·19		·12				·01	·10		25
26	·27	·04	·05	·04			·17	·03	·26	·15	·02	·07	26
27	·30	·36	·17	·06		·20			·12	·17	·04	·08	27
28	·06		·03				·17	·13	·46	·16			28
29	·04		·02			·04	(·24)		·01	·08		1·03	29
30		✕	·14	·09		·06		·03	·31	·36	·08	·13	30
31	·19	✕	·01	✕		✕			✕	·04	✕		31
													YEAR'S TOTAL
TOTAL	2·94	2·31	1·73	2·02	1·12	1·75	~~5·08~~ 4·88	2·62	4·34	1·90	·83	3·55	29·99
Days with ·01 in. or more	20	13	19	17	11	13	17	14	21	24	11	16	196
Days with ·04 in. or more	15	11	13	13	6	11	13	11	15	13	7	11	139

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

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3430

3562

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Newcastle, Institution for Deaf & Dumb

in the County of Northumberland

by D. C. Baldie

Lat. ______ Long. ______

Time of Observation ______

Nearest Railway Station ______

Diameter of Funnel of Rain Gauge ______ in.

Height of top of Gauge above Ground ______ ft. ______ in.

" " " " Sea Level ______ ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following. ______

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	.16		.19	.04			.03		.16			.18	1
2	.16		.01	24				.15	.33	.06	.04	.04	2
3		.11	.30			.24			.04	.30	.27	.02	3
4		.01	.01			.04				.04	.04	.17	4
5	.10		.07		.26	.05			.04	.01	.14	.05	5
6	.14	.08	.05			.01		.49			.09		6
7	.02	.24	.25	.05			.09				.05	.02	7
8	.05	.03	.16	.30			.48	.33		.22	.02		8
9	.03	.28	.01		.31	.14	.05			.01	.21		9
10		.23	.01	.67	.26		.31			.03			10
11	.08	.09		.01	.20						.14		11
12		.09		.14		.14		.40	.12	.08	.76	.05	12
13	.09	.11		.04	.27				.02	.04	.09		13
14		.08	.02								.04	.02	14
15		.19			.15	.08	.07	.05		.01	.46	.06	15
16		.11			.41	.02		.27		.12	.16		16
17	.02	.01			.04	.07		.02	.32				17
18		.29	.01	.03	.07			.05	.06	12			18
19					.02	.02	.20		.02		.15	.19	19
20		.12				.01		.39	.15	.06	.40		20
21		.06		.01		.01		.06	.09	.01	.15	.39	21
22	.11	.02					.11	.14		.03	.12	.04	22
23		.05			.05			.29	.02	.11	.10		23
24		.19		.13	.06	.22	06		.25	.16		.03	24
25		.20			.26			.07	.16	.09		.37	25
26		.56		13	.17					.19		.03	26
27		.06	.10	.01	.17		.13	04		.26	.22	05	27
28		.26	.15	.21	.01		.08	.08		.01	.30	.03	28
29	.28		.02	.03			.58	1.33		.24	.21	.38	29
30	.01	X	.02				.54				.15	.16	30
31		X	.51	X	.05	X	.04	.02	X	.01	X	.06	31
TOTAL	1.25	3.47	1.89	2.04	2.76	1.05	2.77	4.18	1.78	2.21	4.31	2.34	YEAR'S TOTAL 30.05
Days with .01 in. or more	13	24	17	15	17	13	14	17	14	23	23	20	210
Days with .04 in. or more	9	20	9	10	15	8	13	15	11	15	22	14	161

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

294

3250

3562

FORM 1090

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Newcastle, Institution for Deaf & Dumb

in the County of Northumberland

by D. C. Baldie

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	in.	
1			·06	·02		·74	·12	·12			·28		1
2	·36				·24		·01	·02			·07	·60	2
3				·02	·05		·53			·05		·03	3
4	·01				·16		·03		·04	·45		·58	4
5					·06	·05	·09			1·80			5
6					·45	·23	·05		·03	·35			6
7	·01			·04	·32	·28			·46	·05		·01	7
8	·03			·01	·21	·22			·02	·02		·24	8
9	·04	·12		·15	·07	·06			·20	·07			9
10	·01	·17		·03	·01	·05	·06			·07	·02	·04	10
11	·23	·25			·05				·05		·06		11
12	·17	·02		·01	·14	·17		·56					12
13	·02			·24	·02			·01	·05	·01	·07	·15	13
14				·02	·02			·05					14
15					·05		·05	·01	·11			·13	15
16		·04					·01	·06		·02			16
17	·11	·05				·18	·02	·91			·02		17
18	·16	·01			·82						·04		18
19	·14				·15	·06	·15	·01	·62	·07	·01		19
20	·01				·03	·06	·30	·27	·15	·03			20
21	·26		·07		·08		·25	·05	·11	·01			21
22	·30		·15		·06		·14	·22	·51			·04	22
23	·10		·58	·19	·03		·01	·26	·10		·22		23
24	·02	·06	·09	·10			·29	·42			·07		24
25	·01	·15	·01	·06	·79		·15	·01	·14		·07	·08	25
26	·04			·27	·01				·04	·47	·23	·04	26
27		·18		·32			·12	·05		·10	·10	·07	27
28	·03			·19		·02	1·27	·13		·05	·07		28
29		·03		·02		·11	·21	·09		·30		·24	29
30		X		·02	·30		·40		·10	·07	·01	·03	30
31		X		X	2·95	X		·02	X		X	·02	838 31
TOTAL	2·06	1·08	·96	1·71	7·07	2·23	4·26	3·27	2·73	3·99	1·34	2·30	YEAR'S TOTAL 33·00
Days with ·01 in. or more	20	11	6	17	24	13	21	19	16	18	15	15	195
Days with ·04 in or more	11	8	5	9	18	12	16	13	14	13	11	11	141

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

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3289

3562

FORM 1090

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1925.

Kept at Newcastle Institution for Deaf & Dumb
in the County of Northumberland
by D. C. Baldie

Lat. ________ Long. ________
Time of Observation ________
Nearest Railway Station ________
Diameter of Funnel of Rain Gauge ________ in.
Height of top of Gauge above Ground ____ ft. ____ in.
" " " " Sea Level ________ ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1 following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·17		·20		·04	·03					·17	·05	1
2	·19	·03	·09	·22			·02		·01		·03	·04	2
3	·81		·02				·02		·12	·13	·35		3
4				·02	·19			·02			·08	·01	4
5	·05			·37	·17			·10	·05		·01		5
6		·05		·25	·02	·01	·01	·30			·12		6
7		·03		·12	·07			·10	·14		·44	·01	7
8		·02	·05	·10	·18						·15	·14	8
9	·01			·04			·04		·83		·02	·02	9
10		·41	·17					·08	·03				10
11		·45	·06	·03	·15			·08	·03	·03		·12	11
12		·05		·11				·08		·06			12
13	·03	·17						·04	·01				13
14		·25	·03	·02									14
15		·15		·05					·08	·03		·17	15
16		·30	·02	·02					·10	·19	·01	·01	16
17		·10		·09					·09	·02	·02	·02	17
18		·03		·41	·03					·04		·97	18
19		·09	·24		·10				·80			·73	19
20			·19				·33	·01	·01	·45		·44	20
21		·04	·03					·65	·05	·04	·02	·71	21
22	·16			·03				·52	·75	·25	·03	·02	22
23		·08			·28			·21	·14	·04	·05		23
24	·01	·09	·13		·63				·04		·06		24
25		·20	·15		·15		·71		·29		·12		25
26	·05	·08		·30	·14		·19	·09	·03	·14	·16		26
27				·04	·07		·67	·08		·04	·07		27
28	·09	·04					·02			·11	·43	·07	28
29	·26			·44			·05		·02		·13	·44	29
30		X		·26	·03						·16	·29	30
31		X	·35	X		X	·01	·01	X	·03	X	·34	31
TOTAL	1·83	2·66	1·73	2·92	2·25	·04	2·07	2·37	3·62	1·60	263	4·60	YEAR'S TOTAL 28·32
Days with ·01 in. or more	11	20	14	19	15	2	11	15	20	15	21	19	182
Days with ·04 in. or more	8	16	10	14	12	0	6	12	13	11	14	13	129

7·19

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

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FOR OFFICIAL USE.

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1926.

County No.
River Dist.
Station No. 3562

Kept at Newcastle, Institution for Deaf & Dumb
in the County of Northumberland
by D. C. Baldie

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·13	·07							·12	·25	·65	·02	1
2	·02	·19							·07		·17		2
3	·29		·16								·02		3
4		·05	06								·18		4
5	·04	·20	·01		·06		·18	·26		·03	·02	·12	5
6	·05	·57	·01		14		1·15	·10		·02	·09		6
7	·14	·27			·02	·07					·01		7
8	·05					·34			·18	·30	·38		8
9		·29	·48		·07	·50	·17	·01	·05	·07	·01		9
10		·17				·06		·06		·03	·20		10
11		·05			06	·04		·12			·07		11
12					·07	·03		·06		·43	·01		12
13	·04	·02			·13	·04		·01		·07	·11	·22	13
14	·20	·48		04	·01	·45		·10	·12	·05	·12	·07	14
15	·20	·04		·05		·83		·66			·08		15
16	·05				·03	·09		·11	·06	·10	·15		16
17	·06	·01	·02	·16							·01		17
18	·30	·03	·06				1·15	·23			·53		18
19		·09	·02	·12		·01	·39	·03	·81				19
20		·10	·04		·26	·04	·03	·11	·38		·11	·03	20
21		·04	·09	·01	·31		·06			·15	·02	·04	21
22	·19	·02	·02	·11	·06	·25	·05	·24		·23	·08	·02	22
23			·02			·45		·02	·04				23
24	·04			·06	·15		·23		·25	·37		·04	24
25	·06			·30	·26					·26	·20	·05	25
26		·16	·03	·03	1·12						·02		26
27	·03	·04		·06	·06	·30	·18		·27			·08	27
28	·34			·06	·32	·02	·16			·15	·28		28
29	·10		·03	·02	·07					·20	·04		29
30		×		·02	·04			·15	·05	·02	·02		30
31	·12	×	·07	×	·05	×			×		×		31
TOTAL	2·45	2·89	1·12	1·04	3·29	3·52	3·75	2·27	2·40	2·73	3·58	·69	YEAR'S TOTAL 29·73
Days with ·01 in. or more.	20	20	15	13	20	16	11	16	12	17	26	10	196
Days with ·04 in. or more	18	16	7	9	17	13	10	12	12	13	17	7	151

Form 1090.

3286

B Monthly Summary.

*** The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 1926

NOTE.—Records taken in millimetres should be entered on Form 1091.

At Instn for Deaf & Dumb

In the County of Newcastle on Tyne

Rain Gauge.
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 2 ft. - in.
- *Height of Ground above Sea Level* 201 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.		
JAN.	2·45	·34	28	20	18
FEB.	2·89	·57	6	20	16
MAR.	1·12	5·48	9	15	7
APR.	1·04	·30	25	13	9
MAY	3·29	1·12	26	20	17
JUNE	3·52	·83	15	16	13
JULY	3·75	1·15	6 18	11	10
AUG.	2·27	·66	15	16	12
SEPT.	2·40	·81	19	12	12
OCT.	2·73	·43	12	17	13
NOV.	3·58	·65	1	26	17
DEC.	·69	·08	27	10	7
Total	29·73			196	151

Signature D C Baldie

C Particulars of Station.

** Every observer is requested to fill in this section (especially if a change has been made in the position of the gauge or in its exposure), and also the space for notes as far as possible :—*

Name and Address to which any inquiry relating to this register should be sent :—

David C. Baldie,
Instn for Deaf & Dumb, Newcastle on Tyne

Latitude of Station 55" N Longitude 1° 35" W.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station West Jesmond Distance 3 Fur Direction N.E.

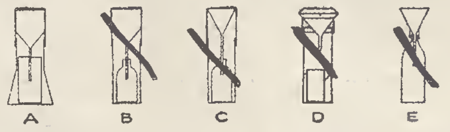
Nearest Parish Church Jesmond Distance 4 Fur Direction S.E.

If gauge has been moved during the year state—

Date of move — Distance — Direction —

Nature of objects nearest to gauge				
Heights of objects				
Distances				
Directions				

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)



If you know of any record of rainfall not quoted in ***British Rainfall,*** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(*a*) Is it known that the gauge was empty at the beginning of the measured rainfall?
(*b*) What note was made of the times of beginning and end of this fall?
(*c*) When was the measurement made?

D INSTRUCTIONS.

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st ; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, *i.e.*, the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005 ; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "total number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace."*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O. 7
19 JAN 1927

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JJW
Aug 6-7 app'd 11/6 0 [illegible]
3270

Section **A** **for the entry of Daily Observations.**

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

3562

Kept at Deaf & Dumb Instn
in the County of Newcastle on Tyne
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 8 in.
" Ground " Sea Level 201 ft.

Jan & Sept corr by ~~surrounding~~ stations
Observer informed File 665444/26

Referred to Observer File 665444/26

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	·03	·06	·36	-	·12	·19	·02	-	·08	·20	-	1
2	·04	-	·01	·20	·23	-	·09	-	-	-	·14	-	2
3	·02	-	·07	-	-	-	-	-	-	-	·06	-	3
4	S·06	-	·05	·06	·35	·03	-	-	-	-	-	-	4
5	·02	·09	·16	-	·02	·06	·97	-	-	-	-	-	5
6	-	·07	·01	-	-	·12	-	(·90)	·04	-	·05	-	6
7	-	·18	·16	-	-	·02	·57	(·02) ·92	-	-	·61	·02	7
8	·25	-	·04	-	-	·32	-	1·80	·01	·01	-	-	8
9	-	-	-	·27	-	-	-	·08	-	-	S·15	·02	9
10	-	-	·10	·06	-	-	-	·03	·38	-	S·07	·06	10
11	-	-	·03	·04	-	-	-	-	·02	-	S·38	·03	11
12	·04	-	-	·08	-	-	·02	-	-	-	S·08	·05	12
13	·14	-	-	-	·18	·09	-	·11	·04	·29	·04	·04	13
14	-	-	-	-	·17	-	-	·28	·04	·03	-	1·14	14
15	-	-	-	·14	·04	-	-	·04	-	·03	·16	S·34	15
16	-	-	-	-	·11	·19	-	·10	-	·02	-	·01	16
17	-	-	-	-	-	-	-	-	·15	·01	-	S·07	17
18	·04	-	-	-	-	·08	-	·53	-	·05	-	S·10	18
19	-	-	-	-	-	-	-	·13	·14	·02	·42	S·21	19
20	S·10	-	-	·02	·05	-	·01	·15	1·07	-	-	-	20
21	-	·02	-	-	·07	-	·33	·05	·90	·38	·15	·44	21
22	-	·01	·20	·03	-	·03	·36	·25	(·60)	·24	·08	·63	22
23	-	-	·08	·05	·10	·40	·78	·39	(·04) ~~·16~~	-	·14	·17	23
24	-	-	·12	·10	·15	·07	-	·12	(·16) ~~·03~~	·03	-	S·82	24
25	·02	·04	·26	·58	-	·94	-	-	(03)	·12	-	S·08	25
26	·38	·06	-	-	-	·07	·19	-	·17	·10	-	S·05	26
27	·10	·03	·12	-	-	·08	·16	·18	-	-	-	·15	27
28	·15	·07	·01	·02	-	-	-	·10	·12	·14	·01	·01	28
29	(·12)	-	·10	-	-	-	·02	-	·22	-	·03	-	29
30	(·07)	×	·02	S·04	-	1·21	-	·02	-	-	-	-	30
31	-	×	-	×	·05	×	-	-	×	-	×	-	31
TOTAL	1·55 ~~1·76~~	·60	1·60	2·05	1·52	3·83	3·69	5·30	(4·13) ~~3·44~~	1·55	2·77	4·44	YEAR'S TOTAL 33·03 ~~32·20~~
Days with ·01 in. or more.	1~~8~~5	10	18	15	12	16	12	19	1~~3~~7	15	17	20	18~~2~~6
Days with ·04 in. or more.	1~~8~~2	6	13 ~~14~~	12	11	13	9	16	1~~2~~4	8	15	15	144 ~~140~~ ~~141~~

40-12-1-27
144w)

(Signed) D C Baldie

[P.T.O.

✓ ✓ ✓ Uk.

3354

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

3562

Kept at Instn for Deaf & Dumb

in the County of Newcastle on Tyne.

150

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 8 in.

„ Ground „ Sea Level 201 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·11	·06	·18	·12	·01	-	·27	-	-	-	·14	-	1
2	-	·05	·24	·02	-	-	-	-	·02	-	·20	-	2
3	-	-	-	·03	·15	-	-	-	·08	-	·14	-	3
4	·06	·13	·02	-	-	-	·22	-	-	-	-	·02	4
5	·09	-	-	·01	-	-	·01	-	·07	·18	·25	·02	5
6	·05	-	·01	-	-	-	·04	·12	-	-	·01	·03	6
7	·06	-	·03	-	-	·32	-	·19	·06	·36	·02	-	7
8	-	-	-	-	-	·28	-	·23	·08	-	-	-	8
9	-	·15	-	-	-	·18	-	·04	·02	·32	·03	-	9
10	·06	·36	S·32	·15	-	-	-	-	·17	·12	·02	-	10
11	-	·06	S·41	·10	·02	·02	-	·64	-	1·06	·21	·33	11
12	-	-	S·26	·02	·02	·03	-	-	-	-	-	·01	12
13	·01	·16	S·12	·02	·11	1·83	-	·08	-	-	-	·01	13
14	·15	·02	·02	-	-	·40	-	-	-	·24	·06	S·11	14
15	·01	·03	-	-	·18	·09	-	·01	-	·03	-	·24	15
16	·05	·19	-	·02	·02	-	-	·05	·02	-	·57	·01	16
17	·03	-	·04	-	·17	·28	-	-	·04	-	-	-	17
18	·54	-	-	-	·18	·16	-	-	-	·03	·02	·03	18
19	-	-	·05	·06	·16	·05	-	·12	·02	·06	·37	·01	19
20	·01	-	-	·23	·12	-	-	1·07	·04	·03	·08	-	20
21	·03	-	-	-	·04	·10	-	·25	·12	-	·02	·02	21
22	·01	·02	·03	·01	·02	-	-	-	-	-	·08	·04	22
23	·06	-	·06	·04	·04	-	-	·42	-	-	·12	-	23
24	·04	-	·17	-	-	-	-	·33	·09	-	·04	·05	24
25	-	-	-	-	-	·13	-	-	·02	-	·02	·04	25
26	·17	-	·02	-	·06	·05	·82	·26	-	·24	-	-	26
27	·03	-	·03	-	·01	-	·08	·12	-	-	-	-	27
28	·23	-	-	-	-	·06	·04	-	·01	-	-	·08	28
29	·29	·03	·46	-	-	-	·10	·37	·07	·08	·09	·21	29
30	-	✕	·03	·10	-	·03	-	-	-	-	·01	S·31	30
31	·16	✕	·04	✕	-	✕	-	·05	✕	·10	✕	-	31
TOTAL	2·25	1·26	2·54	·93	1·31	4·01	1·58	4·35	·93	2·85	2·50	1·57	YEAR'S TOTAL 26·08
Days with ·01 in. or more.	22	12	20	14	16	16	8	17	16	13	21	18	193
Days with ·04 in. or more.	15	8	12	7	10	13	7	16	10	10	13	9	130

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M

(Signed) W Wearmouth [P.T.O.

✓✓✓ I.V.Y. 3436

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

3562

Kept at Instn for Deaf & Dumb
in the County of Newcastle on Tyne

July ½ Sept [illegible]

150

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 8 in.
,, Ground ,, Sea Level 201 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·07	·21	–	–	–	·30	–	·07	–	–	·02	–	1
2	·02	·02	–	·02	–	·02	–	·23	–	–	·03	·01	2
3	S·05	–	–	–	·04	·23	·01	·07	·14	–	–	·05	3
4	·09	–	–	·33	–	·01	·39	·37	–	·10	·02	·15	4
5	·11	–	–	–	·02	·21	–	·10	–	·23	·03	·05	5
6	·12	–	–	–	·36	·06	–	·54	–	·04	–	·19	6
7	–	–	–	–	·03	–	–	–	–	·19	·10	·01	7
8	–	·12	–	–	–	·02	–	·02	–	·21	–	·07	8
9	S·52	–	–	–	–	–	·01	–	–	–	·42	–	9
10	·14	·05	–	·11	·03	·05	·08	·10	–	–	–	·26	10
11	–	S·01	–	–	·03	–	–	–	–	–	·03	·03	11
12	·06	S·02	–	–	–	·39	–	–	·05	–	·04	·01	12
13	·06	–	–	·04	–	·03	–	·18	–	–	–	–	13
14	·15	S·04	–	–	·04	·02	–	–	–	·01	–	–	14
15	S·31	S·04	–	–	·15	–	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	·13	–	–	·04	–	16
17	–	–	–	–	–	–	–	·16	–	–	·30	–	17
18	–	–	–	–	–	–	–	–	–	–	·20	–	18
19	–	–	–	·07	–	–	–	–	·01	–	·04	–	19
20	–	–	·04	–	–	–	–	·06	·01	·05	–	S·19	20
21	–	·06	·40	–	–	·11	–	·20	–	–	–	S·09	21
22	–	·04	–	·02	–	–	·41	·11	–	–	–	S·23	22
23	·02	–	–	·04	·08	·05	–	·02	–	·42	·09	·42	23
24	·01	·08	–	S·02	–	–	–	·04	–	·22	·05	·51	24
25	·06	S·03	–	–	–	–	–	–	–	–	·33	·18	25
26	–	–	–	S·29	–	–	–	–	–	·03	–	–	26
27	S·24	–	–	·33	–	–	–	·30	–	·07	·04	–	27
28	S·23	–	–	·15	–	–	·21	–	·52	·03	·16	·40	28
29	·33		–	–	–	–	–	·02	·02	·10	·01	·02	29
30	–	×	–	–	–	–	·21	–	·04	·03	·33	–	30
31	·02	×	·07	×	–	×	·47	·01	×		×	·07	31
													YEAR'S TOTAL
TOTAL	2·61	·72	·51	1·42	·78	1·50	1·79	2·73	·79	1·73	2·28	2·94	19·80
Days with ·01 in. or more.	19	12	3	11	9	13	8	19	7	14	19	19	153
Days with ·04 in. or more.	15	8	3	8	5	8	6	15	4	10	13	14	109

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17

(Signed) W. Wearmouth [P.T.O.

3505

Section A **for the entry of Daily Observations.** FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

3562

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Newcastle Deaf & Dumb Institute

in the County of Northumberland

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·15	·51		·17		·03		·63			·39		1
2	·06	13		04				42			35		2
3	·02	05		02	·01			·10	·02	·39	·10		3
4	05	24			04			37	11	·14			4
5		43	·09		02					04			5
6		19	03	18			·01		12	04		·02	6
7	11				41			19	18	05		·18	7
8		02		08	15			05	·23	30			8
9	05		·13	31	·22	·02		·19	·12				9
10	30		03		09		02	04		02		01	10
11	·03		03		·02					06		42	11
12	53				04			·82	·10				12
13	39				·18		·23	·14	·20			·01	13
14	47		04				·02				34	18	14
15		03	50				·06			07	·05		15
16			47			·05	29			02			16
17			15	10	04	22	·02	02	53				17
18			19	03					07		44		18
19				15		13	09	18	40	09	01		19
20			06	13		·05	94	55	21		25		20
21	01					·09	42	·25		06	17		21
22	04	04					1·37			·07	·20		22
23				07	·07	·01	17						23
24	07	04		14			02	04			·22		24
25				01			01				·10	·14	25
26	54	·01		01				06	40			33	26
27	·12			09			04		07		07	·10	27
28				02			07		01	01	·02	·10	28
29							21	60	04	·05		25	29
30		X						37	05			43	30
31	27	X	·05	X		X			X	18	X	·02	31
TOTAL	3·21	1·69	1·77	1·55	1·29	·60	3·99	5·02	2·86	1·59	2·71	2·19	YEAR'S TOTAL 28·47
*Days with ·01 in. or more.	17	11	12	16	12	8	17	18	17	16	14	13	171
*Days with ·04 in. or more.	14	8	9	11	9	5	11	17	15	13	12	9	133

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*See Instruction 2 (*f*) on other side.

(Signed).. [P.T.O.

Ck

3505

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1930

At Instn for Deaf & Dumb

In the County of Newcastle on Tyne

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 8 *in.*
Height of Ground above Sea Level 201 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	3·21	·54	26	17	14
FEB.	1·69	·51	1	11	8
MAR.	1·77	·50	15	12	9
APRIL	1·55	·31	9	16	11
MAY	1·29	·41	7	12	9
JUNE	·60	·22	17	8	5
JULY	3·99	1·37	22	17	11
AUG.	5·02	·82	12	18	17
SEPT.	2·86	·53	17	17	15
OCT.	1·59	·39	3	16	13
NOV.	2·71	·44	18	14	12
DEC.	2·19	·43	30	13	9
Total	28·47 ✓	✓		171	133

D//

Signature W. Weamouth.

M

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Institution for Deaf & Dumb.
North Road, Newcastle on Tyne

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station West Jesmond Distance 3 Fur. Direction from gauge N.E.

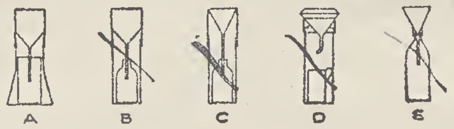
Nearest Parish Church at Jesmond Distance 4 Fur. Direction from gauge S.E.

Nature of objects nearest to gauge	Hedge	Hedge		
Heights of objects	7 Ft.	5 Ft.		
Distances ..	50 Ft.	50 Ft.		
Directions from gauge ..	N.	W		

If gauge has been moved during the year state—

Date of move — Distance — Direction —

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)
If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

150

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

M.O.
16 JAN 1931

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m. Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(269) Wt.5244/391/474 14,000 6/30. Gp. 119/110.

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12 JAN 25

…ICIAL USE.

FORM 1090. METEOROLOG… …ANIZATION.

RE… …4.

County No.

River Div.

Station No.

NEWCASTLE

(WELLBURN, JESMOND)

NORTHUMBERLAND

1924 —

Kept at Wellburn, Jes… …m.

in the County of Newcastle… Jesmond"

…n Gauge 5" in.

…ve Ground 1 ft. 6 in.

by J. H. Holmes … Sea Level 163 ft.

THE MORNING M… …IOUS DAY.

An observer who does not conf… …nuary 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.
—

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			0·05	0·02		0·44	0·11	0·15			0·30		1 RRR
2	0·29				0·22		0·02	0·03			0·03	0·54	2
3				0·02	0·04		0·53			0·03		0·02	3
4	0·01				0·14		0·03	0·01	0·04	0·11		0·53	4
5					0·05	0·05	0·10			1·88		0·09	5
6					0·36	0·26	0·05		0·05	0·33			6
7		0·01		0·04	0·31	0·25			0·39	0·03	0·01		7
8	0·05				0·18	0·21			0·03	0·01	0·01	0·24	8
9	0·04	0·13		0·21	0·05	0·06			0·15	0·07			9
10	0·02	0·18			0·01	0·05	0·07			0·07			10
11	0·24	0·27			0·05	0·01			0·05		0·06		11
12	0·16	0·03			0·12	0·15							12
13	0·02			0·28	0·01			0·58	0·08	0·01		0·17	13
14					0·02			0·05					14
15		0·05			0·04		0·05		0·10			0·13	15
16								0·05	0·06	0·01			16
17	0·11	0·06				0·13	0·02	0·84			0·01		17
18	0·15	0·02			0·64	0·01	1·46			0·11	0·03		18
19	0·12				0·17	0·05	0·20	0·01	0·54				19
20					0·04	0·08	0·31	0·29	0·20				20
21	0·25		0·07		0·09		0·24	0·04	0·13				21
22	0·31	0·02	0·14		0·03		0·13	0·27	0·48		0·03	0·04	22
23	0·11		0·57	0·16	0·03			0·27	0·11		0·20	0·02	23
24		0·08	0·09	0·09	0·01		0·15	0·36					24
25		0·14	0·02	0·05	0·54		0·13		0·14	0·02	0·06	0·11	25
26	0·04		0·01	0·30		0·01			0·03	0·43	0·22	0·01	26
27		0·17		0·29			0·11	0·02		0·11	0·08	0·05	27
28	0·01	0·03		0·16		0·01	1·22	0·12	0·01	0·05	0·07	0·01	28
29		0·01		0·01		0·13	0·15	0·08	0·04	0·26		0·24	29
30		×		0·01	0·46		0·29		0·11	0·07	0·01	0·02	30
31		×	0·01	×	2·75	×		0·04	×	0·12	×	0·04	31 823
TOTAL	1·93	1·20	0·96	1·64	6·36	1·90	5·37	3·21	2·74	3·72	1·12	2·26	YEAR'S TOTAL 32·41
Days with ·01 in. or more.	16	14	8	13	24	16	20	17	19	18	14	16	195
Days with ·04 in. or more	12	8	5	9	18	12	17	13	16	12	7	11	140

CIAL USE.

3251

12 JAN 1925

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

County No.
River Div.
Station No.

REGISTER OF RAINFALL IN 1924.

Kept at Wellburn, Jesmond,
in the County of Newcastle on Tyne
by J. H. Holmes M.Inst C.E.

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Jesmond
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 163 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. —

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			0·05	0·02		0·44	0·11	0·15			0·30		1 RRR
2	0·29				0·22		0·02	0·03			0·03	0·54	2
3				0·02	0·04		0·53			0·03		0·02	3
4	0·01				0·14		0·03	0·01	0·04	0·11		0·53	4
5					0·05	0·05	0·10			1·88		0·09	5
6					0·36	0·26	0·05		0·05	0·33			6
7		0·01		0·04	0·31	0·25			0·39	0·03	0·01		7
8	0·05				0·18	0·21			0·03	0·01	0·01	0·24	8
9	0·04	0·13		0·21	0·05	0·06			0·15	0·07			9
10	0·02	0·18			0·01	0·05	0·07			0·07			10
11	0·24	0·27			0·05	0·01			0·05		0·06		11
12	0·16	0·03			0·12	0·15							12
13	0·02			0·28	0·01			0·58	0·08	0·01		0·17	13
14					0·02			0·05					14
15		0·05			0·04		0·05		0·10			0·13	15
16								0·05	0·06	0·01			16
17	0·11	0·06				0·13	0·02	0·84			0·01		17
18	0·15	0·02			0·64	0·01	1·46			0·11	0·03		18
19	0·12				0·17	0·05	0·20	0·01	0·54				19
20					0·04	0·08	0·31	0·29	0·20				20
21	0·25		0·07		0·09		0·24	0·04	0·13				21
22	0·31	0·02	0·14		0·03		0·13	0·27	0·48		0·03	0·04	22
23	0·11		0·57	0·16	0·03			0·27	0·11		0·20	0·02	23
24		0·08	0·09	0·09	0·01		0·15	0·36					24
25		0·14	0·02	0·05	0·54		0·13		0·14	0·02	0·06	0·11	25
26	0·04		0·01	0·30		0·01			0·03	0·43	0·22	0·01	26
27		0·17		0·29			0·11	0·02		0·11	0·08	0·05	27
28	0·01	0·03		0·16		0·01	1·22	0·12	0·01	0·05	0·07	0·01	28
29		0·01		0·01		0·13	0·15	0·08	0·04	0·26		0·24	29
30		×		0·01	0·46		0·29		0·11	0·07	0·01	0·02	30
31		×	0·01	×	2·75	×		0·04	×	0·12	×	0·04	31 823
TOTAL	1·93	1·20	0·96	1·64	6·36	1·90	5·37	3·21	2·74	3·72	1·12	2·26	YEAR'S TOTAL 32·41
Days with ·01 in. or more.	16	14	8	13	24	16	20	17	19	18	14	16	195
Days with ·04 in. or more	12	8	5	9	18	12	17	13	16	12	7	11	140

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

3288

Register of Rainfall in 1925.

Kept at Wellburn, Jesmond
in the County of Newcastle upon Tyne
Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft. .... in.
„ Ground „ Sea Level .... ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·16		0·19		0·03	0·04					0·19	0·06	1
2	0·19	0·01	0·09	0·23			0·02				0·03	0·06	2
3	0·94		0·04				0·02	0·03	0·16	0·13	0·37		3
4					0·20						0·06		4
5	0·04			0·38	0·15			0·08	0·04		0·01		5
6		0·04		0·21	0·02		0·01	0·37	0·01		0·10		6
7		0·03		0·14	0·06			0·09	0·14	0·01	0·30		7
8		0·01	0·05	0·16	0·19			0·42			0·17	0·19	8
9							0·04		0·73			0·01	9
10		0·43	0·16	0·01	0·02			0·06	0·03		0·08		10
11		0·45	0·05		0·12			0·12	0·02	0·03		0·14	11
12		0·05		0·04				0·08		0·07			12
13	0·03	0·16	0·01	0·07				0·03	0·02			0·01	13
14		0·18	0·03	0·02								0·15	14
15		0·11		0·05					0·09	0·02			15
16		0·31	0·01	0·03					0·07	0·18			16
17		0·09		0·08					0·08	0·01		0·02	17
18		0·02		0·39	0·05					0·02		0·94	18
19		0·12	0·22		0·15				0·79	0·12		0·69	19
20			0·28		0·01		0·34		0·01	0·39		0·41	20
21		0·04	0·04					0·67	0·03	0·04		0·75	21
22				0·03		0·01		0·49	0·57	0·24	0·04		22
23	0·23	0·08	0·05		0·30				0·14	0·09	0·03	0·03	23
24		0·09	0·14	0·03	0·59				0·02	0·03	0·05		24
25		0·19	0·14		0·26		0·60		0·28		0·07		25
26	0·04	0·08		0·34	0·14		0·17	0·09	0·08	0·12	0·13		26
27				0·04	0·11		0·56	0·07		0·04	0·71		27
28	0·10	0·06					0·01			0·12	0·49	0·07	28
29	0·25			0·32			0·03		0·03	0·01	0·14	0·41	29
30	0·02	X		0·27	0·03						0·14	0·29	30
31	0·01	X	0·33	X		X			X	0·02	X	0·31	31 715
TOTAL	2·01	2·55	1·83	2·84	2·43	0·05	1·80	2·60	3·29	1·69	2·51	4·54	YEAR'S TOTAL 28·14
Days with ·01 in. or more.	11	20	16	19	17	2	10	13	20	19	18	17	182
Days with ·04 in. or more.	8	16	13	14	12	1	5	11	11	11	15	13	130

(Signed) John W. Holmes. [P.T.O.

Section **A** for the entry of Daily Observations.

W ✓ ✓ ✓ BWL
✓ ✓ ✓ AP

FOR OFFICIAL USE.

3287

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1926.

Kept at Wellburn, Jesmond, Newcastle on Tyne
in the County of Newcastle upon Tyne
Diameter of Funnel of Gauge Five in.
Height of top of Gauge above Ground 1 ft. 3 in.
„ Ground „ Sea Level 163 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·13	0·05							0·12	0·19	0·60	0·03	1
2	0·03	0·20							0·05		0·17		2
3	0·28		0·18										3
4		0·05	0·09								0·23		4
5	0·03	0·19	0·01		0·03		0·39	0·35		0·02	0·02	0·12	5
6	0·05	0·46	0·01		0·15		0·85	0·02		0·02	0·08		6
7	0·17	0·21			0·04	0·12							7
8	0·04	0·14				0·95			0·19	0·28	0·37		8
9		0·19	0·58		0·08	0·53	0·28	0·01	0·05	0·07			9
10		0·22			0·11	0·02					0·18		10
11		0·03				0·07		0·17		0·03	0·06		11
12					0·09	0·02		0·07		0·42			12
13	0·05				0·12	0·04		0·14		0·22	0·16	0·23	13
14	0·27	0·39		0·05		0·44		0·63	0·13	0·05	0·09	0·05	14
15	0·22			0·03		0·60		0·11			0·13		15
16	0·04	0·04			0·04	0·08		0·02	0·06	0·11	0·15		16
17	0·07		0·01	0·14				0·18		0·02			17
18	0·31	0·03	0·07				1·00	0·02			0·45		18
19		0·09	0·02	0·15		0·01	0·32	0·10	0·89			0·01	19
20		0·09	0·03		0·21	0·04	0·04	0·01	0·19		0·11	0·01	20
21		0·02	0·09	0·02	0·26		0·06			0·15		0·04	21
22	0·18	0·01	0·02	0·05	0·03	0·25		0·21		0·22	0·12	0·02	22
23	0·01		0·02			0·22	0·05		0·13		0·01		23
24	0·02			0·12	0·14		0·21			0·33		0·07	24
25	0·06			0·25	0·31					0·23	0·21	0·04	25
26		0·16	0·01	0·03	0·76				0·27		0·03		26
27	0·05	0·04		0·05	0·06	0·16	0·15					0·06	27
28	0·31		0·04	0·05	0·35	0·02	0·17			0·26	0·27		28
29	0·08		0·03	0·01	0·03					0·21	0·04		29
30		×			0·05			0·14	0·11	0·01	0·03		30 28·75
31	0·12	×	0·08	×	0·03	×			×		×		31
TOTAL	2·52 ~~2·48~~	2·61	1·29	0·95	2·89	3·57	3·52	2·18	2·19	2·84	3·51	0·68	YEAR'S TOTAL ~~28·71~~
Days with ·01 in. or more.	21	19	16	12	19	16	11	15	11	18	21	11	190 ✓
Days with ·04 in. or more.	17	15	7	8	15	12	11	10	11	13	17	7	143 ✓

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) John H. Holmes

[P.T.O.

3271

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

Kept at Wellburn, Jesmond, Newcastle on Tyne
in the County of Newcastle upon Tyne
Diameter of Funnel of Gauge five in.
Height of top of Gauge above Ground one ft. three in.
„ Ground „ Sea Level 163 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	0·03	0·06	0·41	—	0·13	0·06	0·02	—	0·09	0·24	—	1
2	0·02	—	0·01	0·20	0·22	—	—	—	—	—	0·15	—	2
3	0·01	—	0·07	—	—	—	0·01	—	—	—	0·06	—	3
4	0·06	—	0·04	0·06	0·36	0·03	—	—	—	—	—	—	4
5	0·02	0·09	0·18	—	0·01	0·05	1·02	—	0·02	—	0·03	—	5
6	—	0·07	—	0·02	—	0·12	0·08	0·86	0·02	—	0·05	—	6
7	—	0·17	0·17	—	—	0·02	0·51	0·03	—	—	0·65	0·01	7
8	0·25	—	0·03	—	—	0·33	—	1·82	0·01	0·02	—	0·01	8
9	—	—	0·01	0·26	—	—	—	0·07	—	—	0·21	—	9
10	—	—	0·13	0·01	—	—	—	0·03	0·46	—	0·05	0·06	10
11	—	—	0·04	0·07	—	—	—	—	0·01	—	0·46	0·03	11
12	0·04	—	0·01	—	—	—	—	—	—	—	0·01	0·05	12
13	0·13	—	—	0·01	0·22	—	—	0·12	0·04	0·29	0·03	0·04	13
14	0·01	—	0·03	0·01	0·15	—	—	0·55	0·03	0·03	0·05	1·13	14
15	—	0·01	—	0·10	0·03	—	—	0·02	—	0·03	0·12	0·38	15
16	—	—	—	—	0·10	0·26	—	0·10	—	0·02	—	—	16
17	—	—	—	—	—	—	—	—	0·16	—	—	0·08	17
18	0·04	—	—	0·02	—	0·11	—	0·52	—	0·06	—	0·09	18
19	—	0·02	—	—	—	—	—	0·09	0·14	0·02	0·46	0·23	19
20	0·14	—	—	—	0·05	0·01	0·01	0·13	1·09	—	—	—	20
21	—	0·03	—	—	0·05	—	0·41	0·05	0·84	0·42	0·20	0·43	21
22	—	0·01	0·20	0·04	0·01	0·04	0·23	0·21	0·57	0·23	0·04	0·64	22
23	—	—	0·06	0·02	0·25	0·42	0·86	0·67	0·04	—	0·12	0·16	23
24	—	—	0·12	0·15	0·05	0·04	0·01	0·07	0·12	0·04	—	0·76	24
25	0·03	0·04	0·24	0·51	—	0·93	0·06	—	0·04	0·12	—	0·08	25
26	0·36	0·06	0·01	—	—	0·08	0·13	—	0·15	0·11	—	0·05	26
27	0·12	0·04	0·12	0·01	—	0·09	0·16	0·19	—	—	—	0·18	27
28	0·14	0·08	—	—	—	—	—	0·10	0·14	0·14	0·01	—	28
29	0·09	×	0·12	—	—	—	0·04	—	0·24	—	0·03	—	29
30	—	×	0·02	0·04	—	1·22	—	0·02	—	—	—	—	30
31	—	×	—	×	0·06	×	—	—	×	—	×	—	31
													YEAR'S TOTAL
TOTAL	1·46	0·65	1·67	1·94	1·56	3·88	3·59	5·67	4·12	1·62	2·97	4·41	33·54
Days with ·01 in. or more.	15	12	20	17	13	16	14	20	18	14	19	18	196
Days with ·04 in. or more.	10	7	13	10	10	13	11	15	13	9	14	15	140

40-12-1-27
144w)

(Signed) John W. Holmes

[P.T.O.

3355

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Wellburn, Jesmond, Newcastle on Tyne

in the County of Newcastle on Tyne

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground one ft. — in.

" Ground " Sea Level ? ft.

See last year's return

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·09	0·06	0·19	0·10			0·30				0·12		1
2		0·05	0·23	0·02					0·01		0·17		2
3	0·01			0·02	0·21				0·08		0·15		3
4	0·04	0·13	0·02				0·22					0·02	4
5	0·09			0·02			0·02		0·08	0·18	0·24	0·03	5
6	0·03		0·01					0·24				0·02	6
7	0·06		0·02			0·33		0·04	0·04	0·37	0·02		7
8						0·28			0·08				8
9		0·13	0·14			0·18				0·32			9
10	0·07	0·36	0·26	0·18					0·20	0·11	0·07		10
11		0·05	0·37	0·18	0·03			0·68		1·03	0·22	0·34	11
12	0·01	0·01	0·29	0·03	0·03	0·07						0·01	12
13	0·01	0·16	0·12	0·01	0·12	1·84						0·01	13
14	0·14	0·01	0·01			0·29		0·03		0·25	0·07	0·12	14
15		0·01			0·17	0·10				0·03		0·26	15
16	0·05	0·23			0·01	0·01		0·05			0·58		16
17	0·01		0·07		0·16	0·23			0·05				17
18	0·56			0·04	0·20	0·14				0·03		0·06	18
19			0·05	0·06	0·21	0·05		0·23	0·02	0·06	0·40		19
20	0·01			0·23	0·17			1·01	0·09	0·03	0·09		20
21	0·03							0·26				0·01	21
22		0·01	0·03		0·02				0·02		0·11	0·03	22
23	0·15		0·05	0·05	0·04			0·41			0·12		23
24	0·02		0·18					0·33	0·11		0·03	0·03	24
25	0·12					0·17			0·03		0·02	0·03	25
26	0·06	0·01	0·02		0·06	0·05	0·93	0·22		0·25			26
27	0·03		0·02					0·12					27
28	0·24				0·01	0·11	0·05		0·01			0·08	28
29	0·28	0·02	0·47				0·06	0·38	0·06	0·11	0·08	0·34	29
30		×		0·09		0·03						0·21	30
31	0·19	×	0·06	×		×		0·05	×	0·10	×	0·02	31
TOTAL	2·30	1·24	2·61	1·03	1·44	3·88	1·58	4·05	0·88	2·87	2·49	1·62	YEAR'S TOTAL 25·99
Days with ·01 in. or more.	23	14	20	13	14	15	6	14	14	13	16	17	179
Days with ·04 in. or more.	14	8	13	8	9	13	5	13	9	10	13	7	122

40-9999

(Signed) John W. Holmes [P.T.O.

3437

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Wellburn, Jesmond

in the County of Newcastle on Tyne

Diameter of Funnel of Gauge Five in.

Height of top of Gauge above Ground 1 ft 3 in.

,, Ground ,, Sea Level 163 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·05	0·22				0·34		0·04					1
2	0·01	0·03				0·02		0·22			0·03	0·02	2
3	0·02				0·05	0·31	0·04	0·09	0·18			0·06	3
4	0·14			0·36			0·44	0·34	0·01	0·02	0·04	0·13	4
5	0·07					0·24	0·23	0·11		0·33	0·04	0·05	5
6	0·06				0·39	0·06		0·72		0·03	0·01	0·18	6
7				0·01	0·04	0·03				0·21	0·10		7
8		0·14								0·20		0·10	8
9	0·49						0·02				0·47	0·01	9
10	0·12	0·03		0·11	0·02	0·05	0·09	0·12				0·28	10
11					0·05						0·04	0·04	11
12	0·07	0·04							0·05		0·04	0·01	12
13	0·08			0·03	0·04			0·18					13
14	0·18					0·04			0·01				14
15	0·31	0·05			0·15								15
16							0·01	0·13					16
17								0·17			0·32		17
18											0·22		18
19				0·07							0·03		19
20			0·07						0·02	0·06		0·19	20
21		0·08	0·39			0·12	0·05	0·21					21
22		0·05		0·03			0·32	0·10				0·17	22
23	0·05			0·04		0·07	0·05	0·04		0·49	0·10	0·44	23
24	0·09	0·07			0·08			0·03		0·18	0·04	0·48	24
25	0·06	0·17									0·36	0·19	25
26				0·33						0·03			26
27	0·24			0·32				0·18		0·09	0·05		27
28	0·29			0·15			0·22		0·55	0·03	0·15	0·42	28
29	0·36									0·18	0·01	0·03	29
30		×					0·23		0·05	0·06	0·31		30
31	0·03	×	0·08	×		×	0·57		×		×	0·06	31
													YEAR'S TOTAL
TOTAL	2·72	0·88	0·54	1·45	0·82	1·28	2·27	2·68	0·87	1·91	2·36	2·86	20·64
Days with ·01 in. or more.	19	10	3	10	8	10	12	15	7	13	18	18	143
Days with ·04 in. or more.	16	8	3	7	7	8	10	14	4	9	14	14	114

40-9999

(Signed) John W. Holmes

[P.T.O.

3506

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Wellburn, Jesmond, Newcastle on Tyne,

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3 in.

,, Ground ,, Sea Level 163 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.17	0.47	—	0.18	—	0.04	—	0.61	—	—	0.46	—	1
2	0.06	0.15	—	0.05	—	—	—	0.46	—	—	0.52.	—	2
3	0.02	0.06	—	0.02	—	—	—	0.05	—	0.38	0.09.	—	3
4	0.04	0.23	—	—	0.06	—	—	0.40	0.13	0.13.	—	—	4
5	0.01	0.46	0.08	—	0.02	—	0.01	—	—	0.04	—	—	5
6	—	0.19	0.04	0.18	—	—	—	—	0.10	0.05.	—	—	6
7	0.12	—	—	—	0.36	—	—	0.14	0.19	0.04	—	0.19.	7
8	—	0.03	—	0.07	0.14	—	—	0.06	—	0.41	—	—	8
9	0.06	—	0.14	0.31	0.23	0.02	—	0.21	0.23	—	—	—	9
10	0.33	—	0.03	—	0.11	—	0.06	0.03	0.11	—	—	—	10
11	0.05	—	0.01	—	—	—	—	—	—	0.07	—	0.50.	11
12	0.59	—	—	—	0.12	—	—	0.84	0.14	—	—	0.13.	12
13	0.41	—	—	0.03	0.13	—	0.26	0.15	0.17.	—	—	—	13
14	0.47	—	0.04	—	—	—	0.03	—	—	—	0.35	0.19.	14
15	—	0.03	0.54	—	—	—	0.14	—	—	0.07	0.05.	—	15
16	—	—	0.45	—	—	0.07	0.28	—	0.02	0.02	—	0.01.	16
17	—	—	0.21	0.10	0.05	0.14	—	0.02	0.53	—	—	—	17
18	—	—	0.23	—	—	—	—	0.12	—	—	0.46	—	18
19	—	—	—	0.21	—	0.12	0.09	0.09	0.48	0.09	—	—	19
20	—	—	0.06	0.12	—	0.05	1.07	0.64	0.27	—	—	—	20
21	0.03	—	—	—	—	0.07	0.50	0.29	—	0.06	0.24.	—	21
22	0.02	0.04	—	—	—	—	1.29	—	—	0.07	0.23	—	22
23	—	—	—	0.09	0.07	0.02	0.19	—	—	—	—	—	23
24	0.08	0.06	—	0.17	—	—	—	0.05	—	—	0.23.	—	24
25	—	0.04	—	—	—	—	—	—	0.03	—	0.08	0.14.	25
26	0.55	0.01	—	0.02	—	—	—	0.11	0.34	—	—	0.37.	26
27	0.12	—	—	0.07	—	—	0.04	—	0.05	—	—	0.09.	27
28	—	—	—	—	—	—	0.05	0.02	—	—	0.04	0.10.	28
29	—	—	—	—	—	—	0.21	0.45	0.06	0.06	—	0.29.	29
30	—	×	—	—	0.02	0.04	—	0.40	0.04	—	—	0.51.	30
31	0.28	×	0.05	×	—	×	—	—	×	0.18	×	0.02.	31
TOTAL	3.41	1.77.	1.88.	1.62	1.31	0.57.	4.22	5.44.	2.92	1.67.	2.45	2.54.	YEAR'S TOTAL 30.10.
*Days with ·01 in. or more.	18	12	12	14	11	9	14	20	16	14	11	12	163.
*Days with ·04 in. or more.	14	9	10	11	9	7	12	17	14	13	11	10.	137.

40-9999

(Signed) John W. Holmes

P.T.O.

*See Instruction 2 (*f*) on other side.

REDEWATER

CATCLEUGH

1926 — 1930

Section **A** for the entry of Daily

FOR OFFICIAL USE.

3302

3581

FOR 1090. METEOROLOGICA ORGANIZATION.

Reg 6.

Kept at Catcleugh

in the County of Northu

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

„ Ground „ Sea Lev

requested to read the instructions re filling in this form.

yer should fill in section C

THE MORNING MEASU REVIOUS DAY.

An observer who does not conform on January 1st of the following year in the space on the ri

Records taken

Jan. 1, following.

Date	Jan.	Feb.	March	A					Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·20	-	·03	-	-	-	·17	-	-	·12	·90	-	1
2	·02	·24	·03	-	-	-	-	·02	-	-	·52	·10	2
3	·24	-	·39	·04	-	-	-	-	-	-	-	-	3
4	-	·04	·27	-	·08	-	-	-	·04	-	·71	-	4
5	·20	·60	·07	-	·18	-	-	·48	·02	·07	·13	·10	5
6	·23	·64	-	-	·29	-	·20	·14	·02	·14	·08	-	6
7	·26	·24	·12	-	·05	·20	·07	-	-	·15	·02	-	7
8	·54	·07	·04	-	·03	-	-	-	·07	·73	-	-	8
9	-	·05	·18	·02	·17	·06	·28	-	·17	·30	-	-	9
10	-	·03	-	-	·10	·65	·03	·13	·01	-	·20	-	10
11	-	-	-	-	·21	·16	·02	·18	·02	·20	·23	-	11
12	-	·01	-	-	·30	·33	-	·02	·11	·72	·05	-	12
13	·04	-	-	-	·17	-	-	·09	·17	·22	·46	·12	13
14	·15	·21	-	·39	-	·60	-	·03	·73	·02	·30	·06	14
15	·10	·16	-	·21	-	·27	-	·43	-	-	·14	-	15
16	·02	·26	-	·32	·02	·25	-	·22	·04	·20	·37	·04	16
17	·01	·02	·04	·18	·04	·33	-	-	-	-	-	·11	17
18	·32	·04	·02	·05	-	-	·91	·33	-	-	·64	-	18
19	-	·04	·11	·08	·10	-	·38	·02	1·50	-	·08	-	19
20	-	·02	·04	·03	·46	·05	·16	·62	·98	-	·15	-	20
21	-	·58	·06	·15	·02	·03	·48	·18	-	·10	-	·03	21
22	·57	·05	·05	·14	-	·14	·28	·05	-	·09	·04	-	22
23	·27	·06	·02	·05	-	·13	·11	·21	·04	-	-	-	23
24	·18	·04	-	·04	·13	-	·30	·02	·10	·43	-	·05	24
25	·33	-	-	·07	·03	-	·02	-	·08	·90	·17	·06	25
26	·07	·27	·04	·19	·41	·02	-	-	·31	-	·07	-	26
27	·30	·20	·09	·01	-	·03	·05	-	·03	-	·08	-	27
28	·10	·02	·03	·09	·33	-	·12	-	-	·14	·31	-	28
29	·28	X	·05	·01	·08	-	-	-	-	·03	·23	-	29
30	·02	X	-	·01	·52	·18	-	·36	-	-	·01	-	30
31	·30	X	·15	X	·02	X	-	-	X	-	X	·01	31
TOTAL	4·75	3·89	1·83	2·08	3·74	3·43	3·58	3·53	4·44	4·56	5·89	·68	YEAR'S TOTAL 42·40
Days with ·01 in. or more.	23	23	20	19	22	16	16	18	18	17	23	10	225
Days with ·04 in. or more.	19	18	15	14	17	13	13	13	13	15	21	8	179

(Signed) Arthur Hardcastle [P.T.

Section **A** for the entry of Daily

900 1000 1100 1200

FOR OFFICIAL USE.

3302
3581

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1926.

Kept at Catcleugh
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" Ground " Sea Level 819 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·20	-	·03	-	-	-	·17	-	-	·12	·90	-	1
2	·02	·24	·03	-	-	-	-	·02	-	-	·52	·10	2
3	·24	-	·39	·04	-	-	-	-	-	-	-	-	3
4	-	·04	·27	-	·08	-	-	-	·04	-	·71	-	4
5	·20	·60	·07	-	·18	-	-	·48	·02	·07	·13	·10	5
6	·23	·64	-	-	·29	-	·20	·14	·02	·14	·08	-	6
7	·26	·24	·12	-	·05	·20	·07	-	-	·15	·02	-	7
8	·54	·07	·04	-	·03	-	-	-	·07	·73	-	-	8
9	-	·05	·18	·02	·17	·06	·28	-	·17	·30	-	-	9
10	-	·03	-	-	·10	·65	·03	·13	·01	-	·20	-	10
11	-	-	-	-	·21	·16	·02	·18	·02	·20	23	-	11
12	-	·01	-	-	·30	·33	-	·02	·11	·72	·05	-	12
13	·04	-	-	-	·17	-	-	·09	·17	·22	·46	·12	13
14	·15	·21	-	·39	-	·60	-	·03	·73	·02	·30	·06	14
15	·10	·16	-	·21	-	·27	-	·43	-	-	·14	-	15
16	·02	·26	-	·32	·02	·25	-	·22	·04	·20	·37	·04	16
17	·01	·02	·04	·18	·04	·33	-	-	-	-	-	·11	17
18	·32	·04	·02	·05	-	-	·91	·33	-	-	·64	-	18
19	-	·04	·11	·08	·10	-	·38	·02	1·50	-	·08	-	19
20	-	·02	·04	·03	·46	·05	·16	·62	·98	-	·15	-	20
21	-	·58	·06	·15	·02	·03	·48	·18	-	·10	-	·03	21
22	·57	·05	·05	·14	-	·14	·28	·05	-	·09	·04	-	22
23	·27	·06	·02	·05	-	·13	·11	·21	·04	-	-	-	23
24	·18	·04	-	·04	·13	-	·30	·02	·10	·43	-	·05	24
25	·33	-	-	·07	·03	-	·02	-	·08	·90	·17	·06	25
26	·07	·27	·04	·19	·41	·02	-	-	·31	-	·07	-	26
27	·30	·20	·09	·01	-	·03	·05	-	·03	-	·08	-	27
28	·10	·02	·03	·09	·33	-	·12	-	-	·14	·31	-	28
29	·28	X	·05	·01	·08	-	-	-	-	·03	·23	-	29
30	·02	X	-	·01	·52	·18	-	·36	-	-	·01	-	30
31	·30	X	·15	X	·02	X	-	-	X	-	X	·01	31
TOTAL	4·75	3·89	1·83	2·08	3·74	3·43	3·58	3·53	4·44	4·56	5·89	·68	YEAR'S TOTAL 42·40
Days with ·01 in. or more.	23	23	20	19	22	16	16	18	18	17	23	10	225
Days with ·04 in. or more.	19	18	15	14	17	13	13	13	13	15	21	8	179

(Signed) Arthur Hardcastle. [P.T.O.]

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3288

3581

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1927.

Kept at Catcleugh

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 819 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	·09	·02	–	·28	·07	·03	–	·22	·24	–	1
2	·10	·03	·45	·18	·43	·04	–	–	–	·35	·42	–	2
3	·03	·13	·11	–	·14	·12	·18	–	–	–	·34	–	3
4	·12	–	·12	·56	·67	·16	·27	–	–	–	·05	–	4
5	·08	·14	·34	·26	–	·07	·90	–	·20	–	·15	·05	5
6	·04	–	·03	·05	·02	–	–	·53	·12	–	·06	–	6
7	·03	·27	·14	·17	–	·03	·28	·10	–	–	·35	·02	7
8	·25	–	·07	·07	–	·36	–	1·52	·11	·02	·01	–	8
9	–	–	·02	·31	–	–	–	·11	–	–	·05	·03	9
10	–	–	·05	·09	–	·06	–	·15	·16	–	·03	·03	10
11	·12	–	·24	·15	–	·05	–	–	·02	–	·19	·04	11
12	·72	–	·07	–	·02	–	–	·65	–	–	·03	·01	12
13	·22	·02	·02	·18	·20	–	–	·70	·12	·28	·03	·02	13
14	·08	–	–	·05	·12	–	–	·10	·09	·07	·01	·55	14
15	–	–	–	–	·07	–	–	·30	–	·07	·18	·09	15
16	–	–	–	–	·03	·10	–	·02	·13	·14	–	–	16
17	–	–	–	–	–	·19	–	–	·04	·04	–	–	17
18	·06	–	–	·03	–	·18	–	·17	–	–	·04	·20	18
19	–	·02	·13	–	–	·04	–	·12	·12	·03	·29	·11	19
20	·28	–	·04	–	·05	·03	–	·10	·81	–	·35	·03	20
21	–	·09	–	–	·30	·12	·52	·30	1·35	·82	·24	·25	21
22	–	·37	·36	·22	·11	·31	·26	·18	1·24	·54	·15	·73	22
23	·30	·14	·34	·03	·12	·35	·04	·25	·05	–	·24	·13	23
24	·28	–	·07	·06	·03	·10	–	·72	·03	·07	·03	·07	24
25	·15	·25	·57	·36	–	·70	–	–	·03	·22	–	·22	25
26	·44	·22	·05	–	–	·20	·42	·03	·39	·57	·01	·17	26
27	·68	–	·15	–	–	·05	·62	·30	·03	·53	·04	–	27
28	·48	·27	–	·06	–	·05	·06	·05	·48	·39	·23	·02	28
29	·12	X	·40	–	–	–	·07	–	·17	–	–	–	29
30	·18	X	–	·16	–	·15	–	·04	·07	·13	–	–	30
31	·05	X	·02	X	·15	X	·01	·06	X	–	X	–	31
TOTAL	4·81	1·95	3·88	3·01	2·46	3·74	3·70	6·53	5·76	4·49	3·76	2·77	YEAR'S TOTAL 46·86
Days with ·01 in. or more.	~~22~~	~~12~~	~~23~~	~~19~~	~~15~~	~~23~~	~~13~~	~~23~~	~~21~~	~~17~~	~~25~~	~~19~~	~~232~~
Days with ·04 in. or more.	~~20~~	~~9~~	~~19~~	~~16~~	~~11~~	~~21~~	~~12~~	~~20~~	~~17~~	~~15~~	~~18~~	~~12~~	~~190~~

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) Arthur Hardcastle

[P.T.O.

3372
3581

Section A for the entry of Daily Observations. **FOR OFFICIAL USE.**

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1928.

Kept at Catcleugh
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
,, Ground ,, Sea Level 819 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·81	·13	·35	·03	–	–	·27	·01	–	–	·27	–	1
2	–	·43	·19	·04	–	–	–	–	–	–	·34	–	2
3	·02	–	–	·15	·16	–	·08	–	·07	–	·19	–	3
4	·21	·53	·16	·03	–	–	·26	–	·06	–	–	·06	4
5	·19	·07	·38	·01	–	–	·02	–	·20	·14	·06	·12	5
6	·23	·12	·02	–	–	·13	·01	·11	–	–	–	·23	6
7	·24	·08	·03	–	–	·11	–	·29	·02	·14	–	–	7
8	·03	·15	·11	·02	–	·31	·01	·27	·13	·02	–	–	8
9	·53	·26	·27	·03	–	·90	–	·16	·10	·08	·02	–	9
10	·51	·56	·37	·13	·01	–	·07	·05	·13	·04	·18	·02	10
11	·20	·06	·40	·20	·02	·04	·02	1·37	–	·55	·21	·33	11
12	·35	–	·74	·02	·01	·03	·08	·33	–	–	·05	·09	12
13	·32	·38	·04	·03	·03	1·64	–	·67	–	·02	·25	·07	13
14	·23	·03	·01	·02	–	·15	–	·12	·07	·11	·53	·01	14
15	·59	·15	–	·04	·35	·22	–	·09	–	·09	·07	·28	15
16	·10	·42	·15	·09	·22	·06	–	·02	–	·27	·49	·51	16
17	·02	·03	·46	·01	·11	·18	–	–	·30	·06	·01	–	17
18	·96	·03	·19	·03	·20	·09	–	–	–	·75	·20	·06	18
19	–	–	·05	·19	·18	·38	–	·07	·05	·49	·28	·06	19
20	·15	–	·27	·14	·03	–	–	·56	·01	·47	·23	–	20
21	·41	–	–	·02	–	·14	–	·39	–	·15	·49	·01	21
22	–	–	·01	–	–	·06	–	·03	·01	·01	·25	·11	22
23	·16	–	·12	·02	·01	·11	–	·26	·09	·63	·68	·04	23
24	·47	–	·19	–	–	·15	–	–	·18	·41	·21	·23	24
25	·44	–	–	·04	–	·47	–	·30	·13	·16	·03	·38	25
26	·12	–	·05	–	·17	·30	·68	·55	–	·26	–	·01	26
27	·03	–	·07	–	·07	–	·24	·14	·06	–	–	–	27
28	·16	–	·02	–	·01	·57	·02	·26	·03	–	·01	·39	28
29	·59	·06	1·07	–	–	·04	·19	·46	–	·23	·02	·23	29
30	·01	X	·05	·05	–	·47	·03	·03	–	·41	·01	·46	30
31	·55	X	·03	X	–	X	–	·05	X	·71	X	·05	31
TOTAL	8·63	3·49	5·80	1·34	1·58	6·55	1·98	6·59	1·64	6·20	5·08	3·75	YEAR'S TOTAL 52·63
Days with ·01 in. or more.	28	14	27	22	15	22	14	24	17	23	24	22	255
Days with ·04 in. or more.	23	14	21	10	8	21	8	20	13	20	18	18	194

40-12-1-27
144w)

(Signed) Arthur Hardcastle [P.T.O.

3454

3581

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Catcleugh

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" Ground " Sea Level 819 ft.

days –

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·13	–	·08	–	·19	·04	·11	·07	·40	·05	·06	1
2	·05	·18	–	·03	·04	·09	–	·17	–	·20	·05	·67	2
3	–	·02	·02	–	·26	·13	–	·06	·03	–	–	·15	3
4	·05	–	–	·38	·46	·01	1·61	1·08	·02	·12	·19	·07	4
5	·02	·03	–	–	·01	·25	1·84	·14	–	·26	·12	·50	5
6	·15	·04	–	–	·30	·31	·05	1·35	–	·13	·02	·49	6
7	–	–	–	–	·02	·08	·01	·16	–	·40	·15	·13	7
8	–	·07	–	·05	·18	·08	–	·02	·01	·34	·25	·84	8
9	·34	·04	–	·01	–	·02	·09	–	–	–	1·10	·04	9
10	·04	–	–	–	·10	–	·30	·68	–	·15	·14	·56	10
11	–	–	–	–	·04	–	·25	·02	–	–	·65	·67	11
12	–	–	–	–	·13	·28	–	·01	–	–	–	·08	12
13	·07	–	–	–	·12	·09	–	·58	–	·01	–	·15	13
14	·03	·04	–	–	·19	·04	–	–	·01	·06	–	–	14
15	·35	·09	–	–	·30	·16	–	·10	–	·04	–	–	15
16	–	–	–	–	–	·05	–	·11	–	·09	·11	–	16
17	–	–	–	·15	–	–	–	·40	–	–	·07	–	17
18	·04	–	–	·05	–	·02	–	·01	–	–	·56	–	18
19	·24	–	–	·11	–	·07	–	–	·26	·07	·36	·10	19
20	–	–	·04	·01	–	–	–	·02	·01	·26	–	·35	20
21	–	·02	·02	–	–	·19	·17	·15	·02	·01	–	·01	21
22	–	·14	·02	·11	·02	–	·21	·14	·02	·01	–	·08	22
23	·11	·11	–	·12	–	–	–	·04	–	·74	·27	·27	23
24	·11	·30	·06	·03	·25	·07	–	·03	–	·06	·11	·43	24
25	·07	·06	–	·01	–	–	–	–	–	–	·49	·90	25
26	·01	·03	–	·31	–	–	–	–	–	–	·09	·13	26
27	·01	·01	–	·28	–	–	–	·34	–	·26	·19	·06	27
28	·44	–	–	·35	–	–	·30	·15	·26	·24	·11	1·20	28
29	·17	×	–	·03	–	–	·04	·30	·06	·16	·06	·30	29
30	·01	×	–	·09	–	·03	·28	·05	·20	·06	·31	–	30
31	·05	×	·17	×	–	×	1·13	·13	×	·01	×	·05	31
TOTAL	2·36	1·31	·33	2·20	2·42	2·16	6·32	6·35	·97	4·08	5·45	8·29	YEAR'S TOTAL 42·24
Days with ·01 in. or more.	~~20~~	~~16~~	~~6~~	~~18~~	~~15~~	~~19~~	~~14~~	~~26~~	~~12~~	~~23~~	~~22~~	~~25~~	~~[illegible]~~
Days with ·04 in. or more.	~~15~~	~~11~~	~~3~~	~~12~~	~~12~~	~~15~~	~~13~~	~~20~~	[illegible]	[illegible]	[illegible]	~~24~~	[illegible]

40-9999

(Signed) Arthur J Holdcastle [P.T.O.

~~3524~~

3581

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Catcleugh

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 819 ft.

dofp

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·44	·81	-	·20	-	-	-	·67	-	·01	·50	-	1
2	·25	·16	-	·24	-	-	-	·57	-	-	·79	-	2
3	·10	·06	·04	·05	·05	-	-	·05	-	·15	·19	-	3
4	·16	·09	-	·10	·03	-	·27	·34	·06	·37	-	-	4
5	·39	·35	·12	·02	·01	-	-	·01	-	·04	-	·02	5
6	·09	x ·11	·41	·24	·03	-	·02	-	·11	·18	·04	·12	6
7	·49	-	-	·01	·29	-	-	·04	·23	·40	·30	·12	7
8	x ·31	-	·05	·03	·31	-	·02	·04	-	·54	·08	·06	8
9	·08	-	·20	·13	·15	·24	-	·14	·20	·01	·03	-	9
10	x ·45	-	·27	-	·03	·05	-	·07	·15	·20	-	x ·08	10
11	x ·15	-	·02	·19	·08	-	·01	·16	·04	·39	-	·43	11
12	x ·28	-	·05	·08	·15	-	-	1·25	·01	·04	·01	·38	12
13	·46	-	·02	·08	·23	-	·32	·14	·26	·10	-	·04	13
14	·25	·07	·05	·02	·05	-	·28	-	·14	·09	·22	·07	14
15	-	·02	·30	·04	·06	-	·26	-	-	·64	·12	x ·10	15
16	·06	-	·25	-	-	·16	1·11	-	·03	·10	-	x ·42	16
17	·27	-	·30	·37	·25	·63	·66	·14	·80	·18	-	·01	17
18	·06	-	·24	·16	·06	·15	·06	·22	·33	·15	·34	·03	18
19	·12	-	-	·11	·03	·12	·41	·36	·38	·26	·05	·03	19
20	·06	-	·18	·27	·01	·02	·19	·76	·12	·04	·85	·03	20
21	·12	-	·12	·02	·01	·23	·39	·48	·01	·32	·70	-	21
22	·29	·06	-	-	-	·03	·61	·02	·11	·07	·96	·02	22
23	·02	·02	-	·37	·05	·04	·07	·04	·25	·01	·01	·04	23
24	·06	x ·04	·01	·10	-	·08	-	·07	·07	-	·27	·07	24
25	-	x ·08	·01	·01	·01	·07	-	·06	·19	-	·37	·10	25
26	·21	·04	-	-	-	·01	-	·04	·76	-	·08	·43	26
27	·16	-	-	-	·06	·09	-	-	·17	·02	-	·80	27
28	·02	-	·06	-	-	·09	·10	·02	·03	·03	·07	1·12	28
29	-	×	·19	-	-	-	·76	·42	·06	·22	·10	·01	29
30	-	×	·05	-	-	·01	·02	·62	·02	·04	-	·10	30
31	·36	×	·02	×	-	×	-	·01	×	·12	×	·12	31
TOTAL	5·71	1·91	2·96	2·84	1·95	2·02	5·56	6·74	4·53	4·72	6·08	4·75	YEAR'S TOTAL 49·77
Days with ·01 in. or more.	28	13	22	22	21	16	18	26	24	27	21	25	263
Days with ·04 in. or more.	25	11	17	16	13	12	14	22	19	22	18	18	207

40-9999

x Melted snow.

(Signed) Arthur J Hardcastle.

[P.T.O.

3459

3588/6

ROTHBURY, BRINKBURN PRIORY

1923 - 30

FORM 1090. METEORO ATION. 17 JAN 1924

R

49'.0"W.

Kept at Brinkburn

nkburn (N.B.R).

in the County of No

uge 8 in.

by Mr. G. Dunford - f

round 1 ft. 0 in.

ea Level 257 ft.

IMPORTANT NOTE.- d the result entered to the previous day. If an Observer tly requested to add the reading at 9 a.m. on 1st at the end of this paragraph. Full instructions for the measurement of rain, the n gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	·22	·26	·29	·13					·11				1
2	·13	·20	·02					·11	·16		·06	·06	2
3		·15	·29			·07		·25	·04	·34	·58	·05	3
4			·02	·16						·07			4
5			·08					·10		·05	·24	·26	5
6	·11	·36	·02			·03		·10			·28		6
7	·18	·23	·15			·02	·33					·14	7
8	·15		·06					·24		·27			8
9	·18	·33	·06	·64	·35						·08	·04	9
10		·43	·07	·60	·10	·02	·41			·10	·13	·05	10
11		·07			·46	·09				·13	·02		11
12	·17	·11	·08	·12	·11	·12		·23	·04	·03	·73		12
13	·07	·05	·14	·04	·11				·11		·24		13
14		·17			·16		·04					·04	14
15		·34			·17	·26					·48	·04	15
16		·11						·23					16
17		·03			·07	·07	·13	·19	·27				17
18	·07	·17							·08	·03	·02		18
19	·05				·03		·07	·19	·25	·07	·17		19
20		·04			·03			·26	·18	·03	·58	·28	20
21	·15	·12	·06						·10	·14	·24	·58	21
22							·09	·06		·07	·18		22
23		·05			·12			·29	·13	·40	·11		23
24		·18	·27			·10		·04		·10	·03		24
25	·02	·37	·04		·26				·30	·20		·54	25
26		·68	·24		·14			·08	·23	·22	·27	·04	26
27	·03	·17			·06		·14		·16	·39	·26		27
28		·23		·03			·21	·05				·07	28
29	·73			·05	·03		·34	1·60		·22	·31	·32	29
30	·04	×			·03		·35	·03		·06	·26	·13	30
31		×	·32	×	·03	×			×	·02	×	·08	31
TOTAL	2·30	4·85	2·21	1·77	2·26	·78	2·11	4·05	2·16	2·94	5·27	2·72	YEAR'S TOTAL 33·42
Days with ·01 in. or more	15	23	17	8	17	9	10	17	14	20	21	16	187
Days with ·04 in. or more	13	22	14	7	12	6	10	16	14	16	18	16	164

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

3457

17 JAN 1924

FORM 1090. METEORO ATION.

REGISTER OF RAINFALL IN 1923.

Kept at Brinkburn Priory Gardens

in the County of Northumberland.

by Mr. G. Dunford - for Mrs Hugh Fenwick

Lat. 55° 17'. 17" N. Long. 1°. 49'. 0" W.

Time of Observation 9 a.m.

Nearest Railway Station Brinkburn (N.B.R).

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 257 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	·22	·26	·29	·13					·11				1
2	·13	·20	·02					·11	·16		·06	·06	2
3		·15	·29			·07		·25	·04	·34	·58	·05	3
4			·02	·16						·07			4
5			·08					·10		·05	·24	·26	5
6	·11	·36	·02			·03		·10			·28		6
7	·18	·23	·15			·02	·33					·14	7
8	·15		·06					·24		·27			8
9	·18	·33	·06	·64	·35						·08	·04	9
10		·43	·07	·60	·10	·02	·41			·10	·13	·05	10
11		·07			·46	·09				·13	·02		11
12	·17	·11	·08	·12	·11	·12		·23	·04	·03	·73		12
13	·07	·05	·14	·04	·11				·11		·24		13
14		·17			·16		·04					·04	14
15		·34			·17	·26					·48	·04	15
16		·11						·23					16
17		·03			·07	·07	·13	·19	·27				17
18	·07	·17							·08	·03	·02		18
19	·05				·03		·07	·19	·25	·07	·17		19
20		·04			·03			·26	·18	·03	·58	·28	20
21	·15	·12	·06						·10	·14	·24	·58	21
22							·09	·06		·07	·18		22
23		·05			·12			·29	·13	·40	·11		23
24		·18	·27			·10		·04		·10	·03		24
25	·02	·37	·04		·26				·30	·20		·54	25
26		·68	·24		·14			·08	·23	·22	·27	·04	26
27	·03	·17			·06		·14		·16	·39	·26		27
28		·23		·03			·21	·05				·07	28
29	·73			·05	·03		·34	1·60		·22	·31	·32	29
30	·04	×			·03		·35	·03		·06	·26	·13	30
31		×	·32	×	·03	×			×	·02	×	·08	31
TOTAL	2·30	4·85	2·21	1·77	2·26	·78	2·11	4·05	2·16	2·94	5·27	2·72	YEAR'S TOTAL 33·42
Days with ·01 in. or more	15	23	17	8	17	9	10	17	14	20	21	16	187
Days with ·04 in. or more	13	22	14	7	12	6	10	16	14	16	18	16	164

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

probably some accumulations

3272

5 FEB 1925

FORM 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Brinkburn Priory Gardens,
in the County of Northumberland.
by Mrs Hugh Fenwick. (Observer - Mr J. Dunford)

Lat. 55° 17' 17" N. Long. 1° 49' 0" W.
Time of Observation 9 a.m.
Nearest Railway Station Brinkburn (N.B.R)
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 257 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	
1	·01					·47					·18		RRW 1
2	·10				·10			·07			·13		[illegible] 2
3					·08		·11					·40	c 3
4	·02				·23		·79	·02		·07		·05	A.W.B. 4
5						·10	·12			1·42		·74	5
6					·36	·11	·10	·04	·06				6
7					·24	·32			·57			·11	7
8	·12				·64	·18			·17		·05		8
9	·17	·17	·36		·30	·08				·07			9
10		·16	·06		·08	·07			·14	·17	·08	·03	10
11	·19	·27	·02			·66	·22			·07		·04	11
12	·34	·16			·12	·06							12
13	·19		·21	·05		·04		·72			·03	·11	13
14	·04			·03	·10				·17	·02			14
15	·02	·17			·06	·05	·03					·39	15
16					·10			·05	·02	·02			16
17	·28	·19				·15		·35					17
18	·25	·04		·03	·23	·11	·43			·12	·06		18
19					·21	·04	·36		·87	·02	·01		19
20					·11		·37	·16	·17	·03		·03	20
21	·48		·08		·09		·13		·07				21
22	·43		·19		·06		·14	·24	·25		·16		22
23	·04		·44	·22	·07						·04	·09	23
24		·14	·09	·17	·04		·34	·29		·02			24
25		·05	·08	·37	·17		·07	·28	·05		·06	·14	25
26	·09			·67	·07				·19	·54		·21	26
27		·04	·07	·35	·06		·07			·13	·22		27
28	·04	·18		·05		·04	1·85	·22		·13		·09	28
29				·04			·34		·04	·35		·21	29
30		X		·06	·20		·25		·16	·18	·03		880 30
31	·02	X	·06	X	2·04	X	·05		X	·04	X	·06	31
TOTAL	2·83	1·57	1·66	2·04	5·76	2·48	5·77	2·44	2·93	3·40	1·05	2·70	YEAR'S TOTAL 34·63
Days with ·01 in. or more	18	11	11	11	24	15	18	11	14	17	12	15	177
Days with ·04 in. or more	14 13	11	10	9	24	15	17	10	13	12	9	13	154 ~~156~~

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

Notify F
8 July

3310

Wva. 3310

Form 1093.

AIR MINISTRY.
METEOROLOGICAL OFFICE.
BRITISH RAINFALL ORGANIZATION.
KINGSWAY, LONDON, W.C.2,
or
METEOROLOGICAL OFFICE,
10, ROTHESAY PLACE, EDINBURGH.

RAINFALL IN 1925

NOTE.—Records taken in millimetres should be entered on Form 1094

At Brinkburn

In the County of Northumberland

Rain Gauge — Diameter of Funnel 9 ins. — PLEASE FILL IN.

Height of Top — *Above Ground* 1 ft. – in.

Above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
	Inches	Inches	Date.	·01 in. or more	·04 in. or more
JAN.	1·74				
FEB.	3·74				
MAR.	1·95				
APR.	2·61				
MAY	3·34				
JUNE	·52				
JULY	1·96				
AUG.	2·63				
SEPT.	3·72				
OCT.	2·47				
NOV.	1·61				
DEC.	4·09				
Total	~~27·38~~ 30·38	77^2			

Cor for arith

Signature

Titles

[*Please fill in the other side also.*

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3310

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1926.

Kept at Brinkburn

in the County of Northumberland

Diameter of Funnel of Gauge 9 in.

Height of top of Gauge above Ground 1 ft. — in.

„ Ground „ Sea Level ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf. not read daily, corrected by going; april july & Oct

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·29	·03									·84	·02	1
2	·38	·32	·26									·03	2
3	·06		·07		·04								3
4			·03		·03						·23		4
5	·07	·43						·55					5
6	·18	·49			·09		·59	·15		·44	·34		6
7	·13	·50	·26		·17	·10						·14	7
8	·07	·21								(+·50)			8
9	~~[illegible]~~	·23			·27	·69				·14	·23	·03	9
10	~~·01~~				·03	·53		·56		·04	·18		10
11		·07		·16				·13					11
12		·16			·09	·35			·46	·14		·01	12
13					·21				·04	·15	·03	·13	13
14		·08				·59			·49		·27		14
15		·17		·13		·60		·35				·03	15
16	~~·34~~	·15			·03			·10		·16	·28		16
17	·31		·06					·52					17
18	·08			·03			~~4·32~~						18
19	·28						1·15		·80		·80		19
20			·07		·22	·03			·73		·18		20
21	·31	·17	·22	·04	·03	·02		·15		·21		·04	21
22		·03				·23					·40		22
23		·83		·07									23
24	·14			(53) +(·40)	·05	·21	+·40 ·23			·46	·05	·16	24
25	·30			·13			·25		·04	·53	·22		25
26	·04	·13		·17	·84				·26		·04	·04	26
27	1·0			·09		·59	·27					·03	27
28				·09							·34		28
29	·29			·02									29
30		X	·15						14		·03		30
31	·22	X	·05	X	·	X		·11	X	·34	X		33·10 31
TOTAL	(3·27) ~~[illegible]~~	3·20	1·17	(1·36) ~~·96~~	2·10	3·94	(4·21) ~~[illegible]~~	2·62 ~~2·51~~	2·96	(3·11) ~~2·61~~	4·46	·68	YEAR'S TOTAL ~~32·48~~
Days with ·01 in. or more.	20	16	9	10	13	11	6	9	8	10	16	11	32
Days with ·04 in. or more.	20	13	8	8	9	9	6	9	8	10	14	5	

2- (16) 27 44 (45)

(Signed) Eleanor C. M. J. Emerich [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE. 3296

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1927.

Kept at Brinkburn Gardens

in the County of Northumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 257 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf. July 1st low. Nov 1st low.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1. following.

Records taken in Millimetres should be entered on Form 1091.

Corr for Arith. Obsr notified (D2) 25/1/28.

June July Nov corr by sum pts. Observer notified 5/1/28 and agrees. see 8168/29/28

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1						·13							1
2	·06				·14				·04		·15	·3	2
3	·03				·08		·13				·03		3
4			·07	·35	·56		·35					·17	4
5	·08		1·07	·10		(·60)							5
6	·02						·63				·80	6	6
7	·03		·07	·05		07	+(·70)	·16			(·80)		7
8	·22			·35		·33		2·16					8
9			·03					·42					9
10			·27	·33				·11			·15		10
11										·32	·49	·9	11
12	·12											14	12
13	·02				·30								13
14					·07			·17		·15		}·7	14
15				·06		·07			·09	·05			15
16						·12		·07					16
17									·10	·3		·17	17
18						·13	·33		·20			·06	18
19	·04							16	·95		·70		19
20			·03								·10	·07	20
21		·14							1·04	·79		45	21
22	·04		·27		26		·22	44	·45	·17			22
23	·05		·16		·07	·25						84	23
24			·23			·35		1·04	·11	·11		·34	24
25	·54					84			·03				25
26		·05				06				·09			26
27		·14	·23				+(·30)		16				27
28		·27	·16						·45				28
29									·35	·14			29
30		X	·03			·83			·06				30
31		X		X	·38	X			X	·04	X		31
TOTAL	1·25	·60	2·62	1·24	1·86 ~~1·46~~	(3·78) ~~3·18~~	(2·66) ~~1·66~~	5·06	4·63 ~~4·64~~	1·89	(2·42) ~~1·62~~	2·52	YEAR'S TOTAL ~~28·04~~ 30·53
Days with ·01 in. or more.													
Days with ·04 in. or more.													

(Signed).. [P.[illegible]

I.V.Y. 3379

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1928.

Kept at Brinkburn Gardens
in the County of Northumberland
Diameter of Funnel of Gauge 9 ins
Height of top of Gauge above Ground 1 ft. 0 in.
„ Ground „ Sea Level 257 ft.

gen file 816829/28
~~d~~
B/A

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·55	·06	·24	·03	·04				·11		·21	·04	1
2		·14	·19		·03						·28		2
3	·03		·11						·02	·01	·13		3
4	·05	·14	·14				·16				·04	·10	4
5	·16	·06	·04				·06		·16	·24			5
6			·05					·03			02		6
7	·06							·05	·06	29			7
8		·04		·04		33				11			8
9	·08	·05	·29	·03		07			·04				9
10	10	·22	·32	·16		·39			·26				10
11	·04	·24	·24		·10			·90			·23		11
12	·05	·22		·06		·09		·05		·90			12
13	·06	·03	·09			·33		·30			·03		13
14	·14	07				1·08					·04	·43	14
15	·06				·34	·29				·04	·48		15
16		·17		·17						·10		49	16
17	·05		·26		·23	·14		11		·02			17
18	·75		·04	·03	·13	·08				90	03		18
19			·07	·13	·36			·14			·24		19
20	·08				·15			1.05	·02	·10	·23		20
21	·04		·09			·16		·11					21
22	·03		·26					·04					22
23	·12		·06					·13	·03	·02			23
24	·14					·14			·02	·18	·57	·12	24
25	·06		·03			·30			·29	·05	·07	·23	25
26							·42	30		·21			26
27	·30		·07			·14		·03				·13	27
28							·32		·05				28
29	·64	·04	·56	35		·07	·48			04		·29	29
30		×		·05		·30		24	·04	21	·03		30
31	·24	×	·04	×		×		·04	×		×		31
TOTAL	3·73	1·48	3·32	1·05	1·48	4·10	1·44	3·52	1·10	3·45	2·63	1·86	YEAR'S TOTAL 29·16
Days with ·01 in. or more.													
Days with ·04 in. or more.													

found with 'd'

40-12-1-27
144w)

To be printed
authority encl 6A
File 816829/28

(Signed) F. Dunford for Mrs Neagh Fenwick

[P.T.O.

Section **A** for the entry of Daily Observations.

I think the low readings are due largely to omissions

3461

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Brinkburn Gardens
in the County of Northumberland
Diameter of Funnel of Gauge 9 ins
Height of top of Gauge above Ground 1 ft. 0 in.
" Ground " Sea Level 245 ft.

Letter to observer re gauge defective
Value generally low – 8/1,
Encl G A File 816829/28

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·13	·04		·10	·04	·13	·20	·64		·22		·05	1
2		·14						·15		·24			2
3			3	·02	·10	·09				·03			3
4	·03				·24		1·03	·06		·07	·07	·10	4
5				·38		·15		·27				·04	5
6	·13									·23		·32	6
7					·58	·27				·33		·05	7
8						·05						·35	8
9					·10						·76		9
10	·13				·11								10
11						·35				·16		·52	11
12	·06				·13							·23	12
13	·16											·03	13
14	·06	·15			·06			·07			·08		14
15	·58	·14		·05	·05	·05							15
16				·06							·23		16
17								·16		03			17
18	·06												18
19						·08					·47	·03	19
20								·22		·06			20
21		·05										·14	21
22			·08	·05			·61	·08				·25	22
23		·15	·03					·06			·11	·42	23
24	·16			·07				·04	·04		·04	·44	24
25				·30								·24	25
26		·15								·27	·03	·06	26
27	·07			·39						·15	·12		27
28							·25		·64		·23	·86	28
29	·13		·09	·28	·03				·03		·07	·06	29
30	·03	X					·25				·11		30 [illegible]
31		X		X		X	·28		X		X	·09	31
TOTAL	1·73	·80	·23	1·70	1·49	1·17	2·62	1·75	·71	1·79	2·32	4·54	YEAR'S TOTAL 20·85
Days with ·01 in. or more.	13	7	4	10	10	8	6	10	3	11	12	19	113
Days with ·04 in. or more.	11	7	2	9	10	8	6	10	2	9	11	15	100

40-12-1-27
144w)

(Signed)

P.T.O.

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930 .

3531A

Kept at Brinkburn Gardens
in the County of Northumberland
Diameter of Funnel of Gauge 9 ins
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 275 ft.

OLD GAUGE

probably 2 or 3" low

~~[illegible]~~

1929 low up.

[illegible] /5

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·09	·42		·11			·03	·76	·03	·01	·37		1
2	·06	·64		·36	·04		·04				·62	·11	2
3	·04	·23						·25		·10	·18		3
4										·21			4
5							·24	·11	·02			·02	5
6		·03		·11						·11		·30	6
7	·15	·07	·03		·33		·03		·25				7
8	·10			·03		·04			·35	·53			8
9	·06			·20	·37		·02	·12	·17				9
10	·17			·03					·45				10
11	·06								·11			·37	11
12	·32							·70					12
13	·36		·08		·04		·24	·17		·15	·21		13
14			·18				·04		·17			·03	14
15			·42							·51	·12		15
16			·72			·02	·76			·04			16
17						·16	·20		1·01	·01			17
18	·07	·12	·28	·03					·02	·24			18
19				·28		·07	·20				·54	·08	19
20			·23	·08			·37	·65			·34	·18	20
21		·11				·20		·22	·07				21
22	·02								·02		·42		22
23	·09					·23							23
24		·08				·03		·07				·04	24
25		·07										·14	25
26	·47								·25	·04			26
27			·04				·66	·06		·06		·17	27
28													28
29			·10					·72	·04			·24	29
30		×				·16		·67	·10			·25	30
31		×		×		×			×	·08	×	·06	31
TOTAL	2·06	1·80	2·08	1·23	·78	·91	2·83	4·50	3·06	2·04	2·80	1·99	YEAR'S TOTAL 26·08
Days with ·01 in. or more.													
Days with ·04 in. or more.													

40-9999 M average from Survey 30·1 OW (Signed) C. Dunford CAPT L. FENWICK [P.T.O.

Section **A** for the entry of Daily Observations.

New Gauge

FOR OFFICIAL USE.

3531 B

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1920.

Northumberland/5

Kept at Brinkburn Gdns

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 275 ft.

Observer asked to find new site for the new gauge present site is worse than the

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: old one

File 816829/28

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1							·03	·76	·3	·01	·37		1
2							·04				·60	·11	2
3								·25		·10	·18		3
4							·24			·21			4
5								·11	·02			·02	5
6										·09		·30	6
7							·03		·25				7
8									·35	·51			8
9							·02	·12	·17				9
10									·45				10
11									·11			·35	11
12								·10					12
13							·24	·17		·13	19		13
14							·04		·17			·03	14
15										·50	·12		15
16						·01	·46			·04			16
17						·16	·20		1·01	·01			17
18									·02	·24			18
19						·07	·20				·52	·08	19
20							·34	·65			·34	·18	20
21						·20		·22	·06				21
22									·02		·42		22
23						·23							23
24						·03		·07				·04	24
25												·14	25
26									·25	·04			26
27							66	·06		·06		·17	27
28													28
29								·70	·04			·24	29
30		×				·16		·65	·10			·24	30
31		×		×		×			×	·08	×	·06	31
TOTAL						·91	2·83	4·46	3·05	1·97	2·74	1·96	YEAR'S TOTAL
Days with ·01 in. or more.													
Days with ·04 in. or more.													

Please read the Notes and Instructions Overleaf.

N

(Signed) New Gauge fr Capt. C. Fenwick / N. Durford

(144ws)

[P.T.O.

3330

ROTHBURY
CRAGSIDE

NORTHUMBERLAND

1921- 1925

Form 1090 **METEOROLOGI** … **ANIZATION.**
(*formerly B.R.O. Form* …1). **REC**…

Kept at Cragside

in the County of North…

by Lady H…

JUN 192

…Gauge……in.
…Ground……ft……in.
…Sea Level……ft.

IMPORTANT NOTE.—R… …ered to the previous day. If an Observer prefers not to conform to this almost universal rule, … …ted to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.
(—)

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.04	0.20						0.08	0.16		0.12		1
2	0.20							0.74	0.20				2
3	0.16				0.05			0.10			0.10		3
4	0.12		0.09					0.05		0.25	0.09		4
5	0.02	0.01	0.20		0.11			0.05		0.10		0.13	5
6	—		0.19		0.34	0.02		0.33			0.75	0.02	6
7	—		0.11		0.18		0.22	0.02				0.04	7
8	0.09	0.14									0.09	0.02	8
9	0.20	0.03			0.08	0.26					0.16		9
10	0.85							0.12	0.11				10
11	0.22							0.43	0.20	0.04			11
12	1.50				0.05			0.31			0.13		12
13					0.03	0.05		0.20					13
14			0.15	0.10					0.13	0.04	0.03		14
15			0.03		0.12			0.02	0.08		0.03	0.07	15
16	0.27		0.12	0.05			0.16					1.03	16
17	0.16		0.09	0.13				1.33			0.12		17
18			0.07	0.05				0.03			0.05		18
19			0.02	0.11			0.02				0.95	0.21	19
20			0.04							0.08	0.10	0.07	20
21						0.07		0.23		0.61	0.13	0.04	21
22			0.04			0.06		0.28			0.12		22
23	0.28			0.04		0.06	0.33	0.02		1.45	0.18	0.01	23
24	0.60	0.03	0.03	0.06			0.05						24
25	0.16		0.03	0.19			0.19			0.04		0.07	25
26			0.04	0.04	0.02		0.07						26
27	0.04		0.04	0.02	0.14			0.13				0.33	27
28					0.02		0.28	0.29				0.26	28
29			0.02		0.02		0.48	0.48			0.08	0.21	29
30		X	0.03		0.05		0.03	1.30	0.03		0.02	0.07	30
31	0.12	X		X	0.23	X	0.04		X		X	0.49	31
							·08	·16	–	·17	–	–	YEAR'S TOTAL
TOTAL	5.03 ✓	0.46 ✓	1.34 ✓	0.79 ✓	2.34 ✓	0.52 ✓	~~1.87~~ 1·95	~~5.54~~ 5.62 ✓	~~1.91~~ 1.75 ✓	~~2.61~~ 2-73	~~3.25~~ 3.13 ✓	2.07 ✓	27.73 ✓
Days with ·01 in. or more	17	5	18	10	14	6	12 ~~11~~	21	6 ~~7~~	9 ~~8~~	17 ~~18~~	16	151
Days with ·04 in. or more	16	3	12	9	10	5	10 ~~9~~	17	5 ~~6~~	9 ~~8~~	14 ~~15~~	12	122

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

3330

FORM 1090 METEOROLOGI ANIZATION.
(formerly B.R.O. Form A.1). REC

JUN 1927

Kept at Cragside

in the County of Northumberland

by Lily Hudson (Miss)

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following. (—)

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.04	0.20						0.08	0.16		0.12		1
2	0.20							0.74	0.20				2
3	0.16				0.05			0.10			0.11		3
4	0.12		0.09					0.05		0.25	0.09		4
5	0.02	0.06	0.20		0.11			0.05		0.10		0.13	5
6	—		0.19		0.34	0.02		0.33			0.75	0.02	6
7	—		0.11		1.18		0.22	0.02				0.04	7
8	0.09	0.14									0.09	0.02	8
9	0.20	0.03			0.08	0.26					0.16		9
10	0.85							0.12	0.11				10
11	0.22							0.43	0.20	0.04			11
12	1.50				0.05			0.31			0.13		12
13					0.03	0.05		0.20					13
14			0.15	0.10					1.13	0.04	0.03		14
15			0.03		0.12			0.02	0.08		0.03	0.07	15
16	0.27		0.12	0.05			0.16					0.03	16
17	0.16		0.09	0.13				0.33			0.12		17
18			0.07	0.05				0.03			0.05		18
19			0.02	0.11			0.02				0.95	0.21	19
20			0.04							0.08	0.10	0.07	20
21						0.07		0.23		0.61	0.13	0.04	21
22			0.04			0.06		0.28			0.12		22
23	0.28			0.04		0.06	0.33	0.02		1.45	0.18	0.01	23
24	0.60	0.03	0.03	0.06			0.05						24
25	0.16		0.03	0.19			0.19			0.04		0.07	25
26			0.04	0.04	0.02		0.07						26
27	0.04		0.04	0.02	0.14			0.13				0.33	27
28					0.02		0.28	0.29				0.26	28
29			0.02		0.02		0.48	0.48			0.08	0.21	29
30		X	0.03		0.05		0.03	1.30	0.03		0.02	0.07	30
31	0.12	X		X	0.23	X	0.04		X		X	0.49	31
TOTAL	5.03	0.46	1.34	0.79	2.34	0.52	·08 ~~1.87~~ 1.95	·16 ~~5.54~~ 5.62	— ~~1.91~~ 1.75	·12 ~~2.61~~ 2.73	— ~~3.25~~ 3.13	— 2.07	YEAR'S TOTAL 27.73
Days with ·01 in. or more	17	5	18	10	14	6	~~12~~ 11	21	~~6~~ 7	~~9~~ 8	~~17~~ 18	16	151
Days with ·04 in. or more	16	3	12	9	10	5	10 ~~9~~	17	5 ~~6~~	9 ~~8~~	14 ~~15~~	12	122

(65,296). Wt. 1,625—6780. 7000. 11/21. Gp.132. A.&E.W.

3436

Ex. W. – C8

FORM 1090.

AIR MINISTRY
METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.
REGISTER OF RAINFALL IN 1922.

Kept at Cragside

in the County of Northumberland

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Funnel of Rain Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following. .01

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		0.04		0.07	0.08		0.04	0.07		0.15	0.08	0.08	1
2	0.3	0.07			0.04	0.02	0.07	0.05	0.60		0.02	0.01	2
3		0.45	0.09	0.03	0.15		0.09	0.02	0.04	0.07			3
4		0.90	0.16		0.03			0.01		0.13	0.32		4
5		0.05	0.40		0.11		0.04					0.02	5
6			0.24		0.01		1.50		0.01	0.41	0.19	0.02	6
7	0.18		0.07		0.03		0.79		0.02		0.09		7
8	.09		0.19					0.10				0.13	8
9	.07		0.05			0.03	0.36	0.65		0.03	0.01		9
10	.04		0.13			0.02	0.08	0.02		0.04	0.03	0.02	10
11	02			0.02					0.02	0.07	0.12		11
12													12
13				0.68		0.51	0.19	0.11	0.05	0.02		0.06	13
14	0.19	0.02				0.04	0.14	0.01	1.12			0.18	14
15	.02			0.80		0.03	0.24	0.05	0.32			0.02	15
16	0.75	0.07		0.22			0.57	0.07	0.01				16
17	0.30	0.10	0.02	0.03	0.20		0.05		0.07	0.01		0.58	17
18		0.29			0.04				0.06			0.14	18
19	0.21				0.04	0.08			0.04	0.02		0.03	19
20	.05	0.08	0.06			0.02			0.07	0.02		0.01	20
21	.03	0.02	0.09					0.09	0.21	0.11		1.23	21
22	0.13	0.06	0.03	0.02	0.04	0.03		0.16	0.26	0.06		0.20	22
23		0.19	0.02	0.03	0.38	0.11		0.03		0.16		0.04	23
24		0.02		0.09		0.16				0.05			24
25	0.13		0.16			0.03		0.09		0.05		0.04	25
26	0.73	0.03	0.16	0.02		0.11			0.01	0.02	0.18	0.06	26
27	0.22	0.07	0.02	0.30		0.05	0.11	0.02	0.39	0.21		0.08	27
28	0.67	0.10	0.23	·07		0.04			0.04	0.17	0.03	0.06	28
29	0.16		0.06				0.13	0.12	0.72	0.15		0.09	29
30	0.11	X	0.06				0.27			0.05	0.02	0.80	30
31	0.3	X	0.21	X		X	0.10	0.03	X	0.10	X	0.36	31 ~~30.96~~
TOTAL	·04 ~~4.16~~ 4.20	– ~~2.56~~ 2.52	·07 ~~2.45~~ 2.52	·08 ~~2.38~~ 2.39	– ~~1.15~~ 1.07	·04 ~~1.28~~ 1.32	·07 ~~4.77~~ 4.80	– ~~1.70~~ 1.63	~~4.06~~ ·151 ~~3.06~~ 4.21	·08 ~~2.10~~ 2.03	·08 ~~1.09~~ 1.09	·01 ~~4.26~~ 4.19	YEAR'S TOTAL 31.97 ~~31.95~~
Days with ·01 in. or more	~~21~~ 22	~~17~~ 16	~~20~~ 21	13	~~12~~ 11	~~15~~ 16	17	~~18~~ 17	~~19~~ 20	22	11	23	·04 1 day
Days with ·04 in. or more	~~16~~ 17	~~13~~ 12	~~16~~ 17	7	~~9~~ 8	8 9	17	~~11~~ 10	~~12~~ 15	16	6	~~16~~ 15	208 95

149

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

COPY

3436

13 JUN 1923

Form 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at

in the County of

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1								0 7					1
2								0· 5	0·60				2
3								0 ·2	0·04				3
4								0· 1					4
5													5
6									0·01				6
7									0·02				7
8								0·10					8
9								0·65					9
10								0·02					10
11									0·02				11
12													12
13								0· 11	0·05				13
14								0 0·1	1·12				14
15									0·32				15
16								0·05	0·01				16
17								0·07	0·07				17
18									0,06				18
19									0·04				19
20									0·07				20
21								0·09	0·21				21
22								0·16	0·26				22
23								0·03					23
24													24
25								0·09					25
26									0·01				26
27								0·02	0·39				27
28									0·04				28
29								0·12	0·72				29
30		X											30
31		X		X		X		0·03	X		X		31
TOTAL								1·70	4·06				YEAR'S TOTAL
Days with ·01 in. or more													
Days with ·04 in. or more													

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

ESTATE OFFICE,
CRAGSIDE,
ROTHBURY.

8th, June, 1923

Dear Sir,

In reply to yours of the 5th. I am sorry of mistake given on going over monthly totals I find I have given you for August 1' 69 .but you will note from the daily reading I have enclosed. September, you quote 3.o 6.I think I was right in giving you 4. o6 . I have sent it for you to check.

Yes

I told the Gardener to takethe readings as you state and hope to be right next time.

Trust you find this in order.

I am yours faithfully,

L. Hudson

COPY

3436

13 JUN 1923

Form 1093.

AIR MINISTRY,
METEOROLOGICAL OFFICE.
BRITISH RAINFALL ORGANIZATION.
KINGSWAY, LONDON, W.C.2,
or
METEOROLOGICAL OFFICE,
10, ROTHESAY PLACE, EDINBURGH.

RAINFALL IN 1922.

NOTE.—Records taken in millimetres should be entered on Form 1094

At Crag Side,

In the County of Northumberland

Rain Gauge
Diameter of Funnel .... in.
Height of Top: *Above Ground* .... ft. .... in.
Height of Top: *Above Sea Level* .... ft.

PLEASE FILL IN.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.		
JAN.	4·16	✓			
FEB.	2·56	✓			
MAR.	2·45	✓			
APR.	2·38	✓			
MAY	1·15	✓			
JUNE	1·28	✓			
JULY	4·77	✓			
AUG.	1·70	1·69			
SEPT.	3·06	4.06			
OCT.	2·10	✓			
NOV.	1·09	✓			
DEC.	4·26	✓			
Total	31·95				

adds 16 ~~30·9~~6.

Signature........................

Titles........................

[Please fill in the other side also.]

1923

The Rainfall at Cragside,
measured on the morning of
January 1st, 19 23.
was 0. 1 (·01)

Signed L. Hudson

This form should be enclosed in the envelope herewith and returned to the Superintendent,

British Rainfall Organization,
Meteorological Office,
Air Ministry,
Kingsway,
London, W.C.2.

Miss L.Hudson,
Estate Office,
Cragside,
ROTHBURY.

3459

21 JAN 1924

AIR MINISTRY.

FORM 1090 METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Cragside

in the County of Northumberland

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office. Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	in.	
1	0.16	0.17	0.27	0.06			0.02	0.03	0.17				1
2	0.10	0.15	0.02	0.15				0.21	0.15	0.01	0.06	0.03	2
3	0.01	0.12	0.25			0.06			0.05	0.21	0.51	0.03	3
4						0.02			0.02	0.08	0.02	0.17	4
5	0.11		0.05			0.05		0.08		0.01	0.18	0.06	5
6	0.20	0.23	0.01	0.01		0.04		0.15	0.05		0.21		6
7	0.01	0.28	0.22	0.01			0.27						7
8	0.16	0.11	0.06					0.17		0.11	0.05	0.06	8
9	0.17	0.26	0.06	0.68	0.57		0.03			0.02	0.16		9
10	0.01		0.01	0.62	0.25	0.04	0.30			0.04		0.01	10
11	0.07	0.05			0.47						0.03		11
12		0.14	0.07	0.13		0.13		0.16	0.10	0.11	0.84	0.05	12
13	0.05	0.14		0.05	0.11				0.05	0.01	0.11		13
14		0.06			0.10								14
15		0.37			0.09	0.17	0.03			0.02	0.46	0.03	15
16		0.18			0.16	0.02		0.18		0.13	0.29		16
17		0.04 0.14				0.08		0.10	0.31				17
18		0.19			0.08	0.01	0.01	0.02	0.02	0.05			18
19	0.05				0.03	0.03	0.13	0.20	0.17		0.17	0.17	19
20	0.01	0.10						0.30	0.13	0.10	0.51	0.02	20
21		0.08		0.07				0.06	0.08	0.02	0.21	0.41	21
22	0.13						0.10	0.03		0.04	0.15		22
23		0.02		0.12	0.09		0.03	0.27	0.20	0.37	0.06		23
24		0.19		0.22	0.05	0.11	0.01	0.02	0.39	0.13			24
25		0.30		0.03	0.21			0.04	0.29	0.20		0.53	25
26		0.62		0.09	0.05			0.03	0.03	0.25		0.05	26
27		0.28	0.14		0.06		0.15	0.10	0.04	0.30	0.15	0.03	27
28	0.01	0.21	0.08				0.11	×07		0.02	0.20	0.17	28
29	0.57			0.09	0.01		0.25	1.60		0.17	0.11	0.23	29
30	0.02	×		0.01	0.02		0.29	0.06		0.03	0.07	0.16	30
31	0.01	×	0.34	×		×	0.02	0.10	×	0.01	×	0.20	31
TOTAL	1.85	4.29	1.58	2.34	2.35	0.76	1.75	3.98	2.25	2.64	4.55	2.41	YEAR'S TOTAL 30.75
Days with ·01 in. or more	18	23	13	15	16	12	15	22	17	24	21	18	~~30.75~~
Days with ·04 in or more	11	22	10	11	13	8	8	17	14	15	19	12	214 160

(*237) Wt. 10569—9158. 9,000. 8/23. T.S. 128.

Ec Df

AIR MINISTRY.

FORM 1090 METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Rothbury Cragside

in the County of

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

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Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	in.	
1	0.16	0.17	0.27	0.06			0.02	0.03	0.17				1
2	0.10	0.15	0.02	0.15				0.21	0.15	0.01	0.06	0.13	2
3	0.01	0.12	0.25			0.06			0.05	0.4[illegible]	0.51	0.03	3
4						0.02 ~~0.06~~			0.02	0.08	0.02	0.17	4
5	0.11		0.05			0.05 ~~0.02~~		0.08		0.01	0.18	0.06	5
6	0.20	0.23	0.01	0.01		0.04 ~~0.05~~		0.15	0.05		0.21		6
7	0.01	0.28	0.22	0.01		~~0.04~~	0.27						7
8	0.16	0.11	0.06					0.17		0.11	0.05	0.06	8
9	0.17	0.26	0.06	0.68	0.57	~~0.04~~	0.03			0.02	0.16		9
10	0.01		0.01	0.62	0.25	0.04	0.30			0.04		0.01	10
11	0.07	0.05			0.47	~~0.13~~					0.03		11
12		0.14	0.07	0.13		0.13		0.16	0.10	0.11	0.84	0.05	12
13	0.05	0.14		0.05	0.11				0.05	0.01	0.11		13
14		0.06			0.10	~~0.17~~							14
15		0.37			0.09	0.17 ~~0.02~~	0.03			0.02	0.46	0.03	15
16		0.18			0.16	0.02 ~~0.08~~		0.18		0.13	0.29		16
17		0.04				0.08 ~~0.01~~		0.10	0.31				17
18		0.19			0.08	0.01	0.01	0.02	0.02	0.05			18
19	0.05				0.03	0.03	0.13	0.20	0.17		0.17	0.17	19
20	0.01	0.10						0.30	0.13	0.10	0.51	0.02	20
21		0.08		0.07				0.06	0.08	0.02	0.21	0.41	21
22	0.13						0.10	0.03		0.04	0.15		22
23		0.02		0.12	0.09	~~0.11~~	0.03	0.27	0.20	0.37	0.06		23
24		0.19		0.22	0.05	0.11	0.01	0.02	0.39	0.13			24
~~25~~		0.30		0.03	0.21			0.04	0.29	0.20		0.53	25
26		0.62		0.09	0.05			0.03	0.03	0.25		0.05	26
27		0.28	0.14		0.06		0.15	0.10	0.04	0.30	0.15	0.03	27
28	0.01	0.21	0.08				0.11	0.07		0. 2	0.20	0.17	28
29	0.57		0.34	0.09	0.01		0.25	1.60		0.17	0.11	0.23	29
30	0.02	X		0.01	0.02		0.29	0.06		0.03	0.07	0.16	30
31	0.01	X		X		X	0. 2	0.10	X	0.01	X	0.20	31
TOTAL	1.85	4.29	1.58	2.34	2.35	0.76	1.75	3.98	2.25	2.64	4.55	2.41	YEAR'S TOTAL 30.75
Days with ·01 in. or more	18	23	13	15	16	12	15	22	17	24	21	18	214
Days with ·04 in. or more	11	22	10	11	13	8	8	17	14	15	19	12	160

296 A

Exd

3·75

AIR MINISTRY.

FORM 1090

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Cragside

in the County of Northumberland

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	in.	
1		0·01											1
2	0·8												2
3													3
4	0·2			0·01									4
5													5
6													6
7													7
8	0·12			0·46									8
9	0·23	0·13		0·02									9
10	0·09	0·21											10
11	0·24	0·30											11
12	0·34	0·15		0·06									12
13	0·22	0·01		0·02									13
14													14
15		0·19											15
16													16
17	0·27	0·13											17
18	0·25	0·02											18
19	0·05		0·02										19
20													20
21	0·38	0·03	0·06										21
22	0·37	0·01	0·28										22
23	0·03	0·03	0·40	0·15									23
24		0·07	0·11	0·19									24
25		0·14	0·07	0·68									25
26	0·06	0·04		0·38									26
27		0·11		0·05									27
28	0·06	0·04		0·01									28
29	0·02	0·02		0·05									29
30		X		0·05									30
31		X	0·02	X		X			X		X		31
TOTAL	2·85	1·64	·96	2·13									YEAR'S TOTAL
Days with ·01 in. or more	17	18	7	13									
Days with ·04 in or more	14	11	5	9									

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

3275

FOR OFFICIAL USE.

23 JAN 1925

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

County No.
River Dist.
Station No.

Kept at Cragside
in the County of Northumberland
by

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		0. 1			0.04	0.68	0.12	0.07			0.15		1
2	0. 8				0.08			0.14			0.10	0.37	2
3					0.14		0.54			0. 2	0. 1	0. 4	3
4	0. 2			0. 1	0.30		0.07	0. 2		0.15		0.68	4
5					0.03	0. 8	0.25		0. 3	0.25		0.14	5
6					0.40	0. 6	0.05	0. 3	0.13	0.51			6
7					0.24	0.28	0.04		0.40	0. 5			7
8	0.12			0.46	0.54	0.20			0.10			0. 5	8
9	0.23	0.13		0.02	0.29	0. 9			0. 7	0. 6	0. 6		9
10	0. 9	0.21			0.03	0. 6	0.16			0.11			10
11	0.24	0.30			0.05	0.32	0.07				0. 9	0. 3	11
12	0.34	0.15		0.06	0.10	0.18	0.03	0.28	0. 4		0. 1		12
13	0.22	0. 1		0.02	0.02			0. 8		0. 2	0. 1	0.11	13
14					0.08	0. 2		0. 2	0. 3		0. 2	0. 1	14
15		0.19			0.04	0. 2			0.15			0.40	15
16					0.05			0. 3	0. 2	0. 1			16
17	0.27	0.13				0. 9		0.42	0. 3		0.10	0. 1	17
18	0.25	0. 2			0.20	0. 3	0.34		0.76	0.13	0. 6	0. 1	18
19	0. 5		0. 2		0.13	0. 7	0.56	0. 4		0. 4	0. 1		19
20					0.10		0.43	0.12	0.24	0. 6			20
21	0.38	0. 3	0. 6		0.20	0. 3	0.08	0. 9	0. 5	0. 2	0. 1		21
22	0.37	0. 1	0.28				0.07	0.26	0.30		0.20	0. 3	22
23	0. 3	0. 3	0.40	0.15	0. 3		0.01	0.29	0. 5		0. 5	0. 7	23
24		0. 7	0.11	0.19	0.16		0.29	0.25				0. 4	24
25		0.14	0. 7	0.68	0. 9		0.20		0. 4	0. 5	0. 4	0.16	25
26	0. 6	0. 4		0.38	0. 9		0.01		0.13	0.52	0.32	0.23	26
27		0.11		0.05	0. 2		0.06	0.16		0.14	0.11		27
28	0. 6	0. 4		0.01			1.92	0.19		0.12	0.20	0. 1	28
29	0. 2	0. 2		0.05		0. 7	0.41	0. 3	0. 1	0.29		0.22	29
30		×		0.05	0.25		0.20		0.25	0.22	0. 1	0.20	30
31		×	0. 2	×	1.70	×	0.04		×	0. 2	×	0. 5	31 882
TOTAL	2.83	1.64	.96	2.13	5.40	2.28	5.95	2.51	2.83	3.79	1.56	2.86	YEAR'S TOTAL 34.74
Days with ·01 in. or more.	17	18	7	13	27	16	23	18	19	20	19	20	217
Days with ·04 in. or more	14	11	5	9	22	12	20	13	14	15	12	14	161

Section **A** for the entry of Daily Observations. may cor. by sur. stats. wa

FOR OFFICIAL USE.

3313

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Cragside, Rothbury

in the County of Northumberland.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" Ground " Sea Level .... ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	0·85		1·08		01	02	0·17		07		0 33	05	1
2	0·15		05	0·43		06		0 34			·05		2
3	0·32	·01	02			01	04			0·29	0 20	·25	3
4		·02		02	0·23				0·13		04		4
5		·01		0·32	0 23								5
6	·01	·02		0·26	01		0·10	·01					6
7		07		0·15	0·19			0·13		07	·68		7
8	·05	0·22	06	0·13	0·11			07	0·18		·31		8
9		05		03	04			0·56	·05		·16	0·25	9
10		0·30	0·14						1·35			0 22	10
11		0·39	13		02				08	06		0·10	11
12		0·10							03			0·18	12
13		0·12	·01	·01				0·10					13
14		0·69	·03	0·11					·02				14
15		0·64	~~03~~	0·11	07					0·22		0 78	15
16		0·14	04	03					0·14	01			16
17	·01	0·19		05					0·11	0·24			17
18		04		0·43						0·37			18
19		0·71	0·27		·03	·04	0·26		0·80	·05		0·12	19
20			0·22							03			20
21		·06	0·11					·07		04		1 05	21
22				0·14				0 15	0·37			·82	22
23		0·10	·02		0·25			0·80	07		0·17	32	23
24	0·11	0·18	03		1·13 1·13			0·65			09		24
25	·01	0·28	04		0·15				0·45	0 39			25
26		0·25	02	0·16	0·23		0·53		·03	·31	0·28		26
27	05	0·10		05	0·24		0·14	·07		·13	07	09	27
28		0·79			07		0·72				05	0 10	28
29	0·12			07	0·23							0 17	29
30	0·21	×	01	0·61								0 45	30
31	·01	×	0 18	×	0·20	×	0·64	·07	×		×		31 893
TOTAL	1·90	5·48	2·36	3.11	3·24	·13	2·60	3·02 ~~2·95~~	3·73 ~~3·80~~	2·21	2·43	4·95	YEAR'S TOTAL 35·16
Days with ·01 in. or more.	~~12~~	~~24~~	~~18~~	~~18~~	~~18~~	~~4~~	~~8~~	~~11~~	~~15~~	~~13~~	~~12~~	~~15~~	~~168~~
Days with ·04 in. or more.	~~9~~	~~20~~	~~10~~	~~14~~	~~14~~	~~2~~	~~3~~	10	12	11	~~12~~	~~15~~	~~136~~

(Signed) .... [P.T.O.

FORM 2. METEOROL... ...L ORGANIZATION. 3304

RE... 1921.

TYNEMOUTH

& COASTGUARD STAT

NORTHUMBERLAND

1921 -

Kept at Tynem...
in the County of N...
by Coastguard...

Long. 1° 25' W
...on 7h and 18h G.M.T.
Station
...el of Rain Gauge ____ in.
...auge above Ground 1 ft. 0 in.
" " Sea Level 118 ft.

IMPORTANT NOT... ...result entered to the previous day.

If an Observer prefers no... ...tly requested to add the reading at 9 a.m. on ... for it at the end of this paragraph. Full instr... ...lacing of rain gauges, and particulars as to the ... Rainfall Observers," sent post-free on applica... ...nization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

~~Records taken in inches should not be entered~~ on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	1·7	-	-	-	-	-	-	9·4	2·8	-	-	-	1
2	12·1	-	0·2	-	0·4	-	-	4·0	-	0·6	1·2	-	2
3	2·2	-	0·1	-	-	-	0·2	2·0	-	2·5	5·6	-	3
4	1·8	-	1·3	-	-	0·2	-	0·4	-	1·4	-	-	4
5	-	0·5	1·9	-	0·9	-	-	11·4	-	-	·89 22·7	1·8	5
6	-	1·2	1·4	-	8·6	-	1·7	0·2	-	-	0·6	1·3	6
7	-	1·9	-	-	-	-	-	-	-	-	-	-	7
8	0·7	0·8	-	-	0·2	2·2	-	1·1	-	-	3·1	1·9	8
9	-	-	-	-	-	-	-	7·2	1·4	-	-	-	9
10	47	-	-	-	3·4	-	-	6·2	0·2	-	-	-	10
11	47	-	-	-	1·0	-	-	5·9	-	0·1	0·5	-	11
12	1·32 33·6	-	-	-	5·3	1·3	-	2·0	0·2	-	-	-	12
13	-	-	0·4	4·9	-	-	-	1·0	15·5	0·7	-	-	13
14	-	-	-	-	8·2	-	0·2	0·2	0·1	-	-	0·3	14
15	-	-	1·0	2·3	-	-	7·2	-	0·6	-	-	2·8	15
16	-	-	0·4	-	0·4	-	0·7	0·5	-	-	0·7	-	16
17	9·3	-	0·5	1·4	-	-	-	0·5	-	-	1·4	-	17
18	0·1	-	1·0	2·4	-	-	-	0·2	-	-	15·2	7·1	18
19	-	-	1·1	0·3	3·2	-	0·4	0·2	1·2	0·3	1·7	2·4	19
20	-	-	-	-	-	0·8	-	27	-	-	0·9	0·7	20
21	-	-	-	0·4	-	0·5	-	2·5	-	9·2	3·7	-	21
22	0·4	-	0·5	1·7	-	4·1	2·2	1·6	-	28·8	0·4	0·2	22
23	7·8	-	-	2·0	-	0·1	4·6	0·2	-	1·3	-	1·6	23
24	15·6	-	-	6·0	-	-	3·9	0·3	-	0·3	-	3·1	24
25	1·3	0·2	4·1	2·0	-	-	0·2	-	-	-	-	-	25
26	-	-	1·8	0·2	0·5	7·0	-	2·0	-	-	-	4·6	26
27	0·8	-	-	-	0·5	-	3·7	9·6	-	-	-	42	27
28	-	-	0·6	-	1·5	-	8·6	10·0	-	-	0·3	4·3	28
29	-		1·8	-	-	-	2·0	1·73 44·0	0·3	-	0·1	0·4	29
30	-		-	-	1·6	-	0·6	-	-	-	-	1·9	30
31	0·8		-		0·3		1·0	5·8		0·6		-	31
TOTAL	97·6	4·6	18·1	23·6	36·0	16·2	37·2	131·1	22·3	45·8	58·1	38·6	YEAR'S TOTAL 529·2
Days with 0·2 mm. or more	15	5	15	11	15	7	15	27	8	10	14	16	158
Days with 1·0 mm. or more	11	2	9	8	8	4	9	18	4	5	8	12	98

(44,284). 10/19. (52,639). Wt.10,000—359. 1000. 7/20. Gp.132. A.&E.W.

Copied from [illegible] 3207

FORM 2. METEOROL ORGANIZATION. 3307

REGISTER OF RAINFALL IN 1921.

Kept at Tynemouth MO
in the County of Northumberland
by Coastguard, for MO

Lat. 55° 1'. Long. 1° 25' W.
Time of Observation 7h and 18h G.M.T.
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 118 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	1.7	-	-	-	-	-	-	9.4	2.8	-	-	-	1
2	12.1	-	0.2	-	0.4	-	-	4.0	-	0.6	1.2	-	2
3	2.2	-	0.1	-	-	-	0.2	2.0	-	2.5	5.6	-	3
4	1.8	-	1.3	-	-	0.2	-	0.4	-	1.4	-	-	4
5	-	0.5	1.9	-	0.9	-	-	11.4	-	-	·89 22.7	1.8	5
6	-	1.2	1.4	-	8.6	-	1.7	0.2	-	-	0.6	1.3	6
7	-	1.9	-	-	-	-	-	-	-	-	-	-	7
8	0.7	0.8	-	-	0.2	2.2	-	1.1	-	-	3.1	1.9	8
9	-	-	-	-	-	-	-	7.2	1.4	-	-	-	9
10	47	-	-	-	3.4	-	-	6.2	0.2	-	-	-	10
11	47	-	-	-	1.0	-	-	5.9	-	0.1	0.5	-	11
12	1.32 33.6	-	-	-	5.3	1.3	-	2.0	0.2	-	-	-	12
13	-	-	0.4	4.9	-	-	-	1.0	15.5	0.7	-	-	13
14	-	-	-	-	8.2	-	0.2	0.2	0.1	-	-	0.3	14
15	-	-	1.0	2.3	-	-	7.2	-	0.6	-	-	2.8	15
16	-	-	0.4	-	0.4	-	0.7	0.5	-	-	0.7	-	16
17	9.3	-	0.5	1.4	-	-	-	0.5	-	-	1.4	-	17
18	0.1	-	1.0	2.4	-	-	-	0.2	-	-	15.2	7.1	18
19	-	-	1.1	0.3	3.2	-	0.4	0.2	1.2	0.3	1.7	2.4	19
20	-	-	-	-	-	0.8	-	2.7	-	-	0.9	0.7	20
21	-	-	-	0.4	-	0.5	-	2.5	-	9.2	3.7	-	21
22	0.4	-	0.5	1.7	-	4.1	2.2	1.6	-	28.8	0.4	0.2	22
23	7.8	-	-	2.0	-	0.1	4.6	0.2	-	1.3	-	1.6	23
24	15.6	-	-	6.0	-	-	3.9	0.3	-	0.3	-	3.1	24
25	1.3	0.2	4.1	2.0	-	-	0.2	-	-	-	-	-	25
26	-	-	1.8	0.2	0.5	7.0	-	2.0	-	-	-	4.6	26
27	0.8	-	-	-	0.5	-	3.7	9.6	-	-	-	4.2	27
28	-	-	0.6	-	1.5	-	8.6	10.0	-	-	0.3	4.3	28
29	-	-	1.8	-	-	-	2.0	1.73 44.0	0.3	-	0.1	0.4	29
30	-	×	-	-	1.6	-	0.6	-	-	-	-	1.9	30
31	0.8	×	-	×	0.3	×	1.0	5.8	×	0.6	×	-	31
TOTAL	97.6	4.6	18.1	23.6	36.0	16.2	37.2	131.1	22.3	45.8	58.1	38.6	YEAR'S TOTAL 529.2
Days with 0·2 mm. or more	15	5	15	11	15	7	15	27	8	10	14	16	158
Days with 1·0 mm. or more	11	2	9	8	8	4	9	18	4	5	8	12	98

Copied from MO 3207

Form A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Tynemouth

in the County of Northumberland

by

Lat. 55° 1' Long. 1° 25'

Time of Observation 9h. 17h.

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. 12 in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	0.7	–	–	–	–	–	0.2	0.1	3.9	–	0.1	0.5	1
2	–	10.1	3.2	–	–	–	0.2	1.1	1.0	–	–	–	2
3	0.3	14.9	1.7	0.7	–	–	–	0.2	0.1	3.3	3.2	–	3
4	0.1	2.4	0.7	–	0.9	–	1.8	–	0.3	0.3	–	–	4
5	–	–	–	–	–	–	·92 23.4	–	–	5.8	4.9	0.3	5
6	2.8	–	–	0.2	0.3	–	22.5	–	0.3	–	1.3	–	6
7	3.8	–	–	–	–	–	0.3	8.3	–	–	–	2.0	7
8	0.8	–	1.1	–	–	–	10.2	·78 19.9	–	0.6	–	–	8
9	0.3	–	2.4	–	–	3.0	2.9	0.5	0.8	0.2	1.4	–	9
10	–	–	–	–	–	–	–	–	–	0.6	1.0	–	10
11	–	–	–	–	–	–	–	–	–	0.5	–	–	11
12	–	–	0.1	10.0	–	6.4	4.0	6.2	1.6	2.6	–	–	12
13	2.0	0.7	–	0.2	–	5.4	9.4	–	14.8	–	–	0.1	13
14	–	0.1	–	9.3	–	0.4	2.1	–	8.0	–	–	0.4	14
15	8.6	0.2	–	0.3	–	–	14.3	0.8	–	–	–	1.0	15
16	2.4	2.2	0.3	0.2	11.8	0.4	4.6	4.2	0.5	0.4	–	16.3	16
17	1.3	8.7	0.3	–	2.4	–	–	1.8	0.1	0.1	–	2.8	17
18	3.9	–	–	–	0.3	3.0	–	–	0.6	0.3	–	0.3	18
19	3.4	2.0	0.6	–	0.9	–	–	–	0.3	–	–		19
20	–	–	2.8	–	0.3	–	–	2.8	7.4	1.9	–	1.08 27.5	20
21	2.3	–	1.6	0.1	2.2	–	2.6	3.8	24.0	0.1	–	0.4	21
22	–	4.0	0.8	4.6	7.1	3.3	–	3.3	0.3	0.8	–	–	22
23	–	–	0.2	0.3	0.3	1.1	–	–	–	2.7	–	–	23
24	0.8	–	5.2	–	0.2	0.6	–	0.5	–	1.2	–	–	24
25	6.6	0.1	3.6	–	–	3.0	–	0.4	–	–	–	–	25
26	4.5	0.5	0.5	7.1	–	–	2.6	–	10.8	2.5	3.4	1.7	26
27	2.0	3.2	2.2	1.9	–	4.5	–	–	1.3	1.5	1.1	–	27
28	4.7	4.0	1.2	0.8	–	–	0.3	3.1	12.8	1.9	–	1.8	28
29	1.7		0.6	0.2	–	1.3	6.4	–	–	0.4	–	21.9	29
30	–		6.3	–	–	1.0	–	1.7	8.0	3.3	2.2	7.6	30
31	3.4		0.3		–		0.1	–		–		1.5	31
TOTAL	56.4	53.1	35.7	35.9	26.7	33.4	107.9	58.7	96.9	31.0	18.6	86.1	YEAR'S TOTAL 640.4
Days with 0·2 mm. or more	20	12	~~21~~ 20	13	11	13	17	16	18	19	8	15	182
Days with 1·0 mm. or more	15	9	11	5	4	10	13	11	11	10	8	10	117

3290

FOR OFFICIAL USE.

AIR MINISTRY.

Form 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1925.

County No.

River Dist.

Station No.

Kept at

in the Cou

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

„ „ „ „ Sea Level ft.

CREDITED TO THE PREVIOUS DAY.

An obser ... *ld insert the reading made on January 1st of the following* ... *aph.*

... *should be entered on Form 1091.*

Jan. 1, following.

Form 1094.

AIR MINISTRY,
METEOROLOGICAL OFFICE.
BRITISH RAINFALL ORGANIZATION.
Kingsway, London, W.C.2,
or
Meteorological Office,
10, Rothesay Place, Edinburgh.

RAINFALL IN 1925.

NOTE.—Records taken in inches should be entered on Form 1093.

At Tynemouth

In the County of

Rain Gauge: Diameter of Funnel in.

Height of Top: *Above Ground* ft. in

Above Sea Level ft

Month.	Total Depth.	Greatest Fall in 24 hours.		Total Number of Days with	
	Millimetres	Millimetres	Date.	0·2 mm. or more	1·0 mm. or more
1.47 JAN.	37.4	11	4	13	7
2.55 FEB.	64.8	13	11	18	16
1.65 MAR.	42.0	6	25	13	10
2.28 APR.	58.0	9	18	19	12
2.50 MAY	63.5	19.3	24	15	14
0.13 JUNE	3.4	2	20	3	1
2.06 JULY	52.2	15	25	14	8
5 2.94 AUG.	74.8	14	22	19	14
2.94 SEPT.	74.6	21	19	18	12
1.55 OCT.	39.4	12	20	17	11
2.11 NOV.	53.5	8	28	18	17
3.77 DEC.	95.8	13.8	18	19	16
Total 25.95	659.4	25.96 ✓		186	138

Signature

Titles

[*Please fill in the other side also.*]

Date	Ja					une	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in					in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30		X											30
31		X		X		X			X		X		31
TOTAL													YEAR'S TOTAL
Days with ·01 in. or more													
Days with ·04 in. or more													

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

REGISTER OF RAINFALL IN 1926.

Kept at ....

in the County of..

Diameter of Funnel of Gauge..................................in.

Height of top of Gauge above Ground....................ft.........................in.

" Ground " Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Inches should be entered on Form 1090.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	mm.	mm.	mm.	mm.	mm.	mm.	mm	mm.	mm.	mm.	mm.	mm.	
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8											15·3		8
9							64·4						9
10													10
11													11
12										10·7			12
13													13
14												5·4	14
15						17·8		19·4					15
16													16
17													17
18													18
19													19
20									14·7				20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30		X											30
31		X		X		X			X		X		31
TOTAL						81·5	139·6	51·6	54·6	62·5	94·4	18·3	YEAR'S TOTAL
Days with 0·2 mm. or more.						15 ✓	12	15	15	21	22	10	
Days with 1·0 mm. or more.						11 ✓	9	13	12	14	17	6	
						3·21	5·50	2·03	2·15	2·46	3·72	0·72	

Please read the Notes and Instructions Overleaf.

(Signed)..

[P.T.O.

(144w)

(3290)

Dr Glasspoole

Ref attached what are you proposing to print for Tynemouth.

Both records as for Lecden?

B.H.Brame
16/2/27

B.H.Brame

Yes, for all six years; smaller differences not material.

G.

Particulars of Station.

uested to fill in this section (especially if a change has position of the gauge or in its exposure), and also the s far as possible :—

ch any inquiry relating to this register should be sent :—

....

....

.... Longitude....................

clock—in Winter....................in Summer....................

.... Distance.............. Direction..............

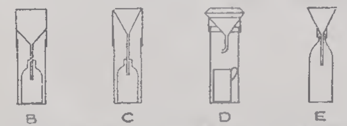
.... Distance.............. Direction..............

uring the year state—

.... Distance.............. Direction..............

....	....	....	....
....	....	....	....
....	....	....	....
....	....	....	....

ge in use by deleting those sketches of cross sections of gauges If the pattern is different from any of these please make a to use are those marked A and B.) If the reading is taken from an autographic record, please indicate the fact.



record of rainfall not quoted in British Rainfall, please d address :—

....

N EXCEPTIONAL RAINFALL OF THE YEAR.

falls of unusual intensity it is desirable that answers to the ied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

DEC.	18.3	.72	10	6
Total	712.7	28.07	186	137

Copied from f565042/25.

Signature..

D INSTRUCTIONS.

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(b) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, *i.e.*, the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·05; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}3{\cdot}6$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3·6 mm.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "total number of days with* 0·2 *mm. or more" includes all the days with any rain except those for which the entry is "trace" or* 0·1 *mm.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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3290

FORM 1091.

B

Monthly Summary.

*** *The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.*

RAINFALL IN 1926

NOTE—Records taken in inches should be entered on Form 1090.

At. Tynemouth (NEW GAUGE)

In the County of. Northumberland

Rain Gauge.

Diameter of Funnel..........in.

Height of Top above Ground..........ft..........in.

Height of Ground above Sea Level..........ft.

Month.	Total Depth.	~~Greatest Fall in 24 hours.~~		Number of Days with 0·2 mm. or more	Number of Days with 1·0 mm. or more
	Millimetres	~~Millimetres~~ INS	~~Date.~~		
JAN.	51.0	2.01		17	13
FEB.	58.4	2.30		18	14
MAR.	25.4	1.00		13	7
APR.	24.7	.97		9	7
MAY	50.7	2.00		19	14
JUNE	81.5	3.21		15	11
JULY	139.6	5.50		12	9
AUG.	51.6	2.03		15	13
SEPT.	54.6	2.15		15	12
OCT.	62.5	2.46		21	14
NOV.	94.4	3.72		22	17
DEC.	18.3	.72		10	6
Total	712.7	28.07		186	137

Signature..........

C

Particulars of Station.

* *Every observer is requested to fill in this section (especially if a change has been made in the position of the gauge or in its exposure), and also the space for notes as far as possible :—*

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Latitude of Station.......... Longitude..........

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction..........

Nearest Parish Church.......... Distance.......... Direction..........

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Nature of objects nearest to gauge				
Heights of objects				
Distances				
Directions				

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.) If the reading is taken from a mechanical gauge or from an autographic record, please indicate the fact.

A

B

C

D

E

If you know of any record of rainfall not quoted in ***British Rainfall,*** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(*a*) Is it known that the gauge was empty at the beginning of the measured rainfall?
(*b*) What note was made of the times of beginning and end of this fall?
(*c*) When was the measurement made?

Copied from f 565042/25.

D

INSTRUCTIONS.

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st ; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The raingauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, *i.e.*, the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·05 ; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·05 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}3{\cdot}6$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3·6 mm.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "total number of days with 0·2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0·1 mm.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE. 3275

AIR MINISTRY.

FORM 1091. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1927.

Kept at Tynemouth

in the County of N'cas

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

„ Ground „ Sea Level .... ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Inches should be entered on Form 1090.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm	mm.	mm.	mm.	mm.	mm.	
1													1
2													2
3													3
4					9·5								4
5													5
6													6
7		6·1											7
8	7·0							34·1					8
9													9
10													10
11											17·0		11
12													12
13													13
14												27·9	14
15													15
16													16
17													17
18													18
19													19
20									23·5				20
21							32·2			11·4			21
22			5·2										22
23													23
24													24
25				17·1									25
26													26
27													27
28													28
29													29
30		X				34·0							30
31		X		X		X			X		X		31
													YEAR'S TOTAL
TOTAL	36·1	20·4	35·3	45·0	42·9	100·2	106·5	123·2	90·1	50·8	93·4	118·3	862·2
Days with 0·2 mm. or more.	18	11	19	17	12	17	17	23	16	18	23	22	213
Days with 1·0 mm. or more.	10	6	14	11	8	13	10	14	12	11	16	14	139
	1·42	0·80	1·39	1·77	1·69	3·94	4·19	4·85	3·55	2·00	3·68	4·66	33·94

(Signed) .... [P.T.O.

3359

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Tynemouth

in the County of

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

„ Ground „ Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10									·28				10
11										1·02			11
12													12
13													13
14													14
15													15
16											·59		16
17													17
18													18
19													19
20								·69					20
21													21
22													22
23													23
24													24
25													25
26							·74						26
27													27
28													28
29													29
30		×											30
31		×		×		×			×		×		31
TOTAL	2·71	1·22	2·11	1·28	1·37	3·81	✓ 1·65	✓ 3·35	✓ 1·15	✓ 2·71	✓ 2·42	✓ 1·39	YEAR'S TOTAL 25·17 ✓
Days with ·01 in. or more.	21	12	24	14	19	19	8	20	16	16	22	18	209
Days with ·04 in. or more.	15	8	16	9	9	15	6	16	11	9	13	9	136

25·16

40-12-1-27
144w)

(Signed)..........

[P.T.O.

3441

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

3441

Kept at Tynemouth

in the County of Northumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

„ Ground „ Sea Level .... ft.

No 2. Station. what action if any

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1						·30							1
2		~~·74~~											2
3													3
4				·26									4
5							·58						5
6					·16			·79					6
7													7
8		·20											8
9													9
10													10
11													11
12													12
13													13
14													14
15	·46												15
16													16
17													17
18													18
19													19
20													20
21			·43										21
22													22
23													23
24												·61	24
25													25
26													26
27													27
28									·52				28
29													29
30		X											30
31	~~·74~~	X		X		X			X		X		31
TOTAL	2·96 ~~2·33~~	1·20 ~~2·00~~	0·48 ✓	1·39 ✓	0·60	1.58 ✓	2·52 ✓	3·04 ✓	0·98	2·34 ✓	2·94 ✓	2·76 ✓	YEAR'S TOTAL ✓ 22·79
Days with ·01 in. or more.	22 ~~13~~	17 ~~16~~	4	16	11	12	11	23	8	17	18	20	179
Days with ·04 in. or more.	16	10 ~~12~~	1	9	6	8	9	18	5	13	14	13	122
40-9999	~~59·2~~ 75·3	~~76·3~~ 30·6	12·1	35·4	15·3	40·2	64·1	77·2	24·9	59·4	74·8	70·2	579·5

M

(Signed) .... [P.T.O.

22·82

3511

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930 .

Kept at Tynemouth

in the County of N'land

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level 67 ft.

X Delete (new gauge) from pages

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·26											1
2				·56							·79		2
3													3
4													4
5													5
6													6
7					·33								7
8										·49			8
9													9
10													10
11												·57	11
12													12
13													13
14	·56												14
15			·44										15
16													16
17						·47			·45				17
18													18
19													19
20													20
21													21
22							1·22						22
23													23
24													24
25													25
26													26
27													27
28													28
29								·78					29
30		X											30
31		X		X		X			X		X		31
TOTAL	2·94	1·20	1·81	1·69	1·44	1·49	4·00	3·69	2·91	1·89	3·55	2·54	YEAR'S TOTAL 29·15
Days with ·01 in. or more.	16	15	15	16	16	16	17	21	20	17	13	16	198
Days with ·04 in. or more.	12	8	11	9	10	10	11	16	14	13	12	11	137
40-9999	74·7	30·6	46·0	43·0	36·7	37·7	101·6	93·7	~~73·9~~ 74·0	48·1	90·1	64·6	740·8

(Signed) ....

P.T.O.

cont'd for W

3303

FORM A. I. METEOROLOGICAL O … NIZATION.

REGISTE …

TYNEMOUTH

TYNE PIER WORKS

NORTHUMBERLAND

1921 – 1930

…° 25' W.

Kept at Tyne Piers Works Ty… M. … Tynemouth

in the County of Northumbe… …n Gauge 5" in.

…ove Ground 1' ft. 8 in.

by R.A. Hindmarsh M.I.C.E. per F… „ Sea Level 64.81 ft.

IMPORTANT NOTE.—Rain s… entered to the previous day. If an Observer prefers not to confo… …uested to add the reading at 9 a.m. on 1st Januar… …t at the end of this paragraph. Full instructions fo… …of rain gauges, and particulars as to the British … *…nfall Observers,"* sent post-free on application to T… …on, 62, Camden Square, London, N.W. 1.

Jan. 1, following. (–)

Records taken in Millimetre… …form.

Date	Jan.	Feb.	March	April	May	June	July	August		Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.12	0.02	nil	nil	nil	0.01	nil	0.04	0.33	nil	0.02	nil	1
2	0.07	nil	nil	nil	nil	nil	nil	0.61	0.06	nil	nil	nil	2
3	0.52	nil	nil	nil	0.04	nil	nil	0.12	nil	0.02	0.11	nil	3
4	0.09	nil	nil	nil	nil	nil	0.01	0.08	nil	0.12	0.18	nil	4
5	0.07	nil	0.07	0.01	nil	0.01	nil	0.01	nil	0.06	0.02	0.04	5
6	nil	0.03	0.09	0.01	0.06	nil	nil	0.55	nil	nil	1.02	0.03	6
7	nil	0.04	nil	nil	0.35	nil	0.11	nil	nil	nil	nil	0.05	7
8	nil	0.05	0.03	nil	nil	nil	nil	nil	nil	nil	nil	0.06	8
9	0.02	0.02	nil	nil	0.01	0.08	nil	0.04	nil	nil	0.12	0.02	9
10	nil	nil	nil	0.01	nil	0.01	nil	0.38	0.06	0.01	nil	nil	10
11	0.20	nil	nil	nil	0.14	nil	nil	0.32	nil	nil	nil	nil	11
12	0.21	nil	nil	nil	0.27	nil	nil	0.19	0.01	nil	0.02	nil	12
13	1.68	nil	nil	nil	0.03	0.06	nil	0.10	0.01	nil	nil	nil	13
14	nil	nil	0.01	0.18	nil	nil	nil	0.03	0.69	0.03	nil	nil	14
15	nil	nil	nil	nil	0.34	nil	0.01	nil	nil	nil	nil	0.01	15
16	nil	nil	0.02	0.04	nil	nil	0.32	nil	0.01	nil	nil	0.11	16
17	0.06	nil	0.01	0.03	0.02	nil	0.02	0.05	nil	nil	0.01	0.02	17
18	0.33	nil	0.02	0.01	nil	nil	nil	0.01	nil	nil	0.07	nil	18
19	nil	0.02	0.04	0.11	nil	nil	0.01	nil	nil	nil	0.65	0.33	19
20	nil	nil	0.04	0.01	0.11	nil	0.01	0.01	0.05	0.01	0.04	0.10	20
21	nil	nil	nil	nil	0.01	0.04	nil	0.19	nil	nil	0.02	0.03	21
22	nil	nil	0.01	0.01	nil	0.03	nil	0.05	0.01	0.66	0.18	nil	22
23	nil	nil	nil	0.07	nil	0.17	0.10	0.07	nil	1.34	0.01	0.02	23
24	0.42	nil	nil	0.09	nil	nil	0.22	nil	nil	0.04	nil	0.02	24
25	0.62	nil	0.07	0.40	nil	nil	0.18	0.01	nil	0.01	nil	0.21	25
26	0.05	nil	0.11	nil	nil	0.26	nil	nil	nil	nil	nil	nil	26
27	nil	nil	0.08	0.01	0.03	0.04	nil	0.08	nil	nil	nil	0.18	27
28	0.04	nil	nil	nil	0.03	nil	0.27	0.48	nil	nil	nil	0.19	28
29	0.01	nil	0.02	nil	0.05	nil	0.48	0.80	nil	nil	0.01	0.16	29
30	nil		0.07	nil	nil	nil	0.05	1.66	0.01	nil	nil	0.02	30
31	nil		nil		0.06		0.02	nil		nil		0.15	31
	.02	–	–	–	.01	–	.04	.33	–	.02	–	–	YEAR'S TOTAL
TOTAL	~~4.51~~ 4.41	~~0.18~~ .16	0.69	0.99	~~1.55~~ 1.56	~~0.71~~ .70	~~1.81~~ 1.85	~~5.88~~ 6.17	~~1.24~~ .91	~~2.30~~ 2.32	~~2.48~~ 2.46	1.75	~~24.09~~ 23.97
Days with ·01 in. or more	16	~~6~~ 5	15	14	~~15~~ 16	9 ~~10~~	~~14~~ 15	23	9 ~~10~~	~~10~~ 11	~~15~~ 14	19	~~167~~ 166
Days with ·04 in. or more	~~14~~ 3	2	8	8	9	6	~~8~~ 9	18	4 ~~5~~	5	8	11	166 ~~100~~ 99

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

cont'd for W

3303

FORM A. 1. METEOROLOGICAL OFFICE.—B NIZATION.

REGISTER OF RAINFALL IN 1921.

Kept at Tyne Piers Works Tynemouth
in the County of Northumberland
by R.A. Hindmarsh M.I.C.E. per F. Calvert A.M.I.C.E.

Lat. 56° Long. 1° 25' W.
Time of Observation 9 A.M.
Nearest Railway Station Tynemouth
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground 1' ft. 8 in.
" " " " Sea Level 64.81 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. (—)

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.12	0.02	nil	nil	nil	0.01	nil	0.04	0.33	nil	0.02	nil	1
2	0.07	nil	nil	nil	nil	nil	nil	0.61	0.06	nil	nil	nil	2
3	0.52	nil	nil	nil	0.04	nil	nil	0.12	nil	0.02	0.11	nil	3
4	0.09	nil	nil	nil	nil	nil	0.01	0.08	nil	0.12	0.18	nil	4
5	0.07	nil	0.07	0.01	nil	0.01	nil	0.01	nil	0.06	0.02	0.04	5
6	nil	0.03	0.09	0.01	0.06	nil	nil	0.55	nil	nil	1.02	0.03	6
7	nil	0.04	nil	nil	0.35	nil	0.11	nil	nil	nil	nil	0.05	7
8	nil	0.05	0.03	nil	nil	nil	nil	nil	nil	nil	nil	0.06	8
9	0.02	0.02	nil	nil	0.01	0.08	nil	0.04	nil	nil	0.12	0.02	9
10	nil	nil	nil	0.01	nil	0.01	nil	0.38	0.06	0.01	nil	nil	10
11	0.20	nil	nil	nil	0.14	nil	nil	0.32	nil	nil	nil	nil	11
12	0.21	nil	nil	nil	0.27	nil	nil	0.19	0.01	nil	0.02	nil	12
13	1.68	nil	nil	nil	0.03	0.06	nil	0.10	0.01	nil	nil	nil	13
14	nil	nil	0.01	0.18	nil	nil	nil	0.03	0.69	0.03	nil	nil	14
15	nil	nil	nil	nil	0.34	nil	0.01	nil	nil	nil	nil	0.01	15
16	nil	nil	0.02	0.04	nil	nil	0.32	nil	0.01	nil	nil	0.11	16
17	0.06	nil	0.01	0.03	0.02	nil	0.02	0.05	nil	nil	0.01	0.02	17
18	0.33	nil	0.02	0.01	nil	nil	nil	0.01	nil	nil	0.07	nil	18
19	nil	0.02	0.04	0.11	nil	nil	0.01	nil	nil	nil	0.65	0.33	19
20	nil	nil	0.04	0.01	0.11	nil	0.01	0.01	0.05	0.01	0.04	0.10	20
21	nil	nil	nil	nil	0.01	0.04	nil	0.19	nil	nil	0.02	0.03	21
22	nil	nil	0.01	0.01	nil	0.03	nil	0.05	0.01	0.66	0.18	nil	22
23	nil	nil	nil	0.07	nil	0.17	0.10	0.07	nil	1.34	0.01	0.02	23
24	0.42	nil	nil	0.09	nil	nil	0.22	nil	nil	0.04	nil	0.02	24
25	0.62	nil	0.07	0.40	nil	nil	0.18	0.01	nil	0.01	nil	0.21	25
26	0.05	nil	0.11	nil	nil	0.26	nil	nil	nil	nil	nil	nil	26
27	nil	nil	0.08	0.01	0.03	0.04	nil	0.08	nil	nil	nil	0.18	27
28	0.04	nil	nil	nil	0.03	nil	0.27	0.48	nil	nil	nil	0.19	28
29	0.01	nil	0.02	nil	0.05	nil	0.48	0.80	nil	nil	0.01	0.16	29
30	nil		0.07	nil	nil	nil	0.05	1.66	0.01	nil	nil	0.02	30
31	nil		nil		0.06		0.02	nil		nil		0.15	31
TOTAL	·02 ~~4.51~~ 4.41	– ~~0.18~~ ·16	– 0.69	– 0.99	·01 ~~1.55~~ 1.56	– ~~0.71~~ ·70	·04 ~~1.81~~ 1.85	·33 ~~5.88~~ 6.17	– ~~1.24~~ ·91	·02 ~~2.30~~ 2.32	– ~~2.48~~ 2.46	– 1.75	YEAR'S TOTAL ~~24.09~~ 23.97
Days with ·01 in. or more	16	~~6~~ 5	15	14	~~15~~ 16	9 ~~10~~	~~14~~ 15	23	9 ~~10~~	~~10~~ 11	~~15~~ 14	19	~~167~~ 166
Days with ·04 in. or more	3 ~~14~~	2	6	8	9	6	~~8~~ 9	18	4 ~~5~~	5	8	11	166 ~~100~~ 99

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

W D

3410

FORM 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1922.

Kept at Tyne Piers Works. Tynemouth
in the County of Northumberland
by R. F. Hindmarsh M.I.C.E. per F. Calvard A.M.I.C.E.

Lat. 56° Long. 1° 25' W
Time of Observation 9 A.M
Nearest Railway Station Tynemouth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 8 in.
" " " " Sea Level 64.81 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following: ·07

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.00	0.16	0.01	0.03	0.02	nil	0.05	nil	nil	0.38 0.[illegible]	0.02	0.09	1
2	0.03	0.10	nil	nil	nil	nil	0.01	nil	0.20	nil	nil	0.03	2
3	nil	0.43	0.15	nil	nil	nil	0.01	0.07	0.04	nil	nil	nil	3
4	nil	0.49	0.12	0.03	nil	nil	0.02	nil	0.01	0.18	0.11	nil	4
5	nil	nil	0.01	nil	0.05	nil	0.06	nil	0.02	0.02	nil	nil	5
6	0.01	nil	nil	nil	nil	nil	1.49	nil	nil	0.27	0.28	0.02	6
7	0.05	nil	nil	0.03	0.02	nil	0.69	nil	0.01	nil	0.06	nil	7
8	0.15	nil	nil	nil	nil	nil	0.02	0.41	nil	nil	nil	0.12	8
9	0.04	nil	0.07	nil	nil	nil	0.47	0.85	0.02	0.04	nil	nil	9
10	nil	nil	0.08	nil	nil	0.14	0.13	0.02	0.05	0.02	0.06	nil	10
11	nil	nil	0.01	nil	nil	nil	nil	nil	nil	0.06	0.06	nil	11
12	nil	nil	nil	nil	0.01	nil	nil	nil	nil	nil	nil	nil	12
13	nil	nil	nil	0.40	nil	0.45	0.30	0.30	0.15	0.15	nil	nil	13
14	0.11	nil	nil	0.02	nil	0.13	0.35	nil	0.68	nil	nil	0.01	14
15	nil	0.08	nil	0.42	nil	0.02	0.12	nil	0.45	nil	nil	0.03	15
16	nil	0.06	nil	0.02	nil	nil	0.96	0.05	0.03	nil	nil	0.23	16
17	nil	0.07	0.03	0.01	0.58	0.02	0.01	0.26	0.02	nil	nil	nil	17
18	nil	0.37	nil	nil	0.12	nil	nil	0.02	0.02	0.03	nil	0.64	18
19	0.30	nil	nil	nil	0.01	0.12	nil	nil	0.04	0.02	nil	0.01	19
20	nil	0.06	0.03	nil	0.04	nil	nil	nil	0.02	nil	nil	nil	20
21	0.40	nil	0.17	nil	0.02	nil	nil	0.18	0.45	0.11	nil	1.38	21
22	0.11	nil	0.07	0.08	0.12	nil	0.12	0.16	0.91	0.02	nil	0.03	22
23	nil	0.03	0.01	0.16	0.30	0.13	nil	0.19	0.01	0.04	nil	nil	23
24	nil	nil	nil	0.02	nil	0.12	nil	0.01	nil	0.12	nil	nil	24
25	nil	nil	0.27	nil	0.02	0.03	nil	0.03	nil	0.08	nil	nil	25
26	0.21	0.01	0.15	0.26	nil	0.16	nil	0.01	nil	0.04	0.12	nil	26
27	0.11	0.02	0.03	0.14	nil	0.01	0.12	nil	0.51	0.10	0.06	0.07	27
28	0.12	0.34	0.09	0.01	nil	0.22	nil	nil	0.13	0.18	0.04	nil	28
29	0.11		0.05	0.05	nil.	nil	0.21	0.13	0.54	0.08	nil	0.10	29
30	0.08	X	0.04	nil	nil	0.04	0.11	nil	0.01	0.03	nil	1.29	30
31	nil .16	X .01	0.29 .03	X .02	nil	X .05	nil	0.80	X .38	0.17 .02	X .09	0.10 .07	31 30.84
TOTAL	~~1.83~~ 1.99	~~2.22~~ 2.07	~~1.68~~ 1.70	~~1.68~~ 1.67	~~1.31~~ 1.29	~~1.59~~ 1.64	~~5.25~~ 5.20	3.79	~~4.32~~ 4.70	~~2.14~~ 1.78	~~.81~~ .88	~~4.15~~ 4.13	YEAR'S TOTAL ~~30.77~~
Days with ·01 in. or more	~~14~~ 15	13	19	15	~~12~~ 11	~~13~~ 14	~~19~~ 18	16	~~22~~ 23	21	9	15	~~188~~ 189
Days with ·04 in. or more	~~12~~ 13	~~10~~ 9	12	7	6	~~9~~ 10	~~14~~ 13	11	~~12~~ 13	~~15~~ 14	~~8~~ 9	9	~~123~~ 126

(*237) Wt. 15497—7987. 8,000. 9/22. T. S. 128.

The Rainfall at Tyne Piers
Works.
measured on the morning of

January 1st, 19 23

was 0.07 inches

Signed A. Calvard

This form should be enclosed i
the envelope herewith and
returned to the Superintendent,

British Rainfall Organizatio
Meteorological Office,
Air Ministry,
Kingsway,
London, W.C.2.

R.F.Hindmarsh, Esq.,
Pier Works,
SOUTH SHIELDS.

TYNE IMPROVEMENT COMMISSIO

cond for W.D

3433

JAN 1924

FORM 1090

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept ~~at~~ Tyne Piers Works Tynemouth

in the County of Northumberland

by R. F. Hindmarsh M.I.C.E. per F. Balvart A.M.I.C.E.

Lat. 55 N. Long. 1° - 25' W.

Time of Observation 9 A.M

Nearest Railway Station Tynemouth

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 8 in.

" " " " Sea Level 64.81 ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following. 1924. 0.03

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.07	nil	0.25	0.49	nil	0.50	nil	0.08	0.04	nil	nil	0.11	1
2	0.23	0.02	0.27	0.22	nil	0.03	0.02	0.11	0.03	nil	nil	0.07	2
3	0.12	nil	nil	0.23	nil	nil	nil	0.15	nil	0.01	0.02	0.06	3
4	0.01	0.02	0.35	nil	nil	0.22	nil	0.01	0.25	0.35	0.22	0.01	4
5	nil	nil	0.02	nil	nil	0.03	nil	nil	nil	0.07	nil	0.10	5
6	0.12	nil	0.06	nil	0.30	0.01	nil	nil	nil	nil	0.24	0.05	6
7	0.15	0.10	0.05	nil	nil	0.01	nil	0.45	0.02	0.02	0.06	nil	7
8	0.01	0.33	0.16	nil	nil	nil	0.11	nil	nil	nil	0.01	nil	8
9	0.03	0.02	0.19	nil	nil	0.05	0.01	0.32	nil	0.11	0.03	nil	9
10	0.01	0.25	0.01	0.28	0.62	0.12	0.25	0.02	nil	nil	0.12	0.04	10
11	nil	0.22	0.06	0.98	0.20	nil	0.40	nil	nil	nil	nil	0.13 ~~0.11~~	11
12	0.05	0.30	0.03	nil	0.47	nil	nil	nil	nil	nil	0.06	nil	12
13	nil	0.05	0.03	0.06	nil	0.26	nil	0.45	0.07	0.09	0.40	0.05	13
14	nil	0.13	nil	0.09	0.13	nil	nil	0.20	0.04	nil	0.05	nil	14
15	0.02	0.07	nil	nil	0.01	nil	nil	nil	nil	nil	0.01	nil	15
16	nil	0.26	nil	nil	0.06	0.10	0.12	0.07	nil	0.09	0.33	0.11	16
17	nil	0.04	nil	nil	0.25	0.07	nil	0.25	nil	0.08	0.12	nil	17
18	0.01	nil	nil	nil	nil	0.07	nil	0.03	0.30	0.01	nil	nil	18
19	nil	0.43	nil	nil	0.19	0.01	nil	nil	0.03	0.02	0.01	nil	19
20	nil	0.01	nil	nil	0.03	0.05	0.17	0.02	0.05	0.02	0.25	0.18	20
21	nil	nil	nil	0.02	nil	0.02	nil	0.40	0.14	0.01	0.25	nil	21
22	nil	0.20	nil	0.09	nil	nil	nil	0.05	0.05	nil	0.29	0.44	22
23	0.16	0.05	nil	nil	0.02	nil	0.10	0.10	nil	0.03	0.17	0.05	23
24	nil	0.02	nil	0.07	nil	nil	nil	0.31	nil	0.10	0.08	nil	24
25	nil	0.13	nil	0.11	nil	0.23	0.08	0.40	0.22	0.15	nil	0.03	25
26	nil	0.38	nil	0.01	0.12	nil	nil	0.04	0.19	0.09	nil	0.23	26
27	0.01	0.47	nil	0.09	0.01	nil	0.01	0.14	nil	0.17	nil	0.03	27
28	nil	0.15	0.12	nil	0.10	nil	0.15	0.03	nil	0.14	0.45	0.02	28
29	nil	X	0.14	0.10	0.01	nil	0.05	0.04	nil	nil	0.15	0.08	29
30	0.61	X	nil	nil	nil	0.01	0.55	1.53	nil	0.19	0.16	0.28	30
31	0.01	X	nil	X	nil	X	0.58	0.02	X	nil	X	0.13	31
TOTAL	– ~~1.62~~ 1.55	.25 ~~3.65~~ 3.90	.49 ~~1.74~~ 1.98	– ~~2.84~~ 2.35	.50 ~~2.52~~ 3.02	– ~~1.79~~ 1.29	.08 ~~2.60~~ 2.68	.04 ~~5.22~~ 5.18	– ~~1.43~~ 1.39	– 1.75	.11 ~~3.78~~ 3.89	.03 ~~2.20~~ 2.12	YEAR'S TOTAL ~~31.14~~ 31.10
Days with ·01 in. or more	~~16~~ 15	~~22~~ 23	14	~~14~~ 13	~~15~~ 16	~~17~~ 16	~~14~~ 15	24	~~13~~ 12	19	~~22~~ 23	20	210 ✓
Days with ·04 in or more	~~8~~ 7	~~17~~ 18	10	~~12~~ 11	~~10~~ 11	~~10~~ 9	~~11~~ 12	18	~~10~~ 9	12	~~14~~ 18	~~16~~ 15	~~151~~ 150

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

Corr. for W.D.

3252

10 JAN 1925

AIR MINISTRY.

FORM 1090

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Tyne Piers Works Tynemouth

in the County of Northumberland

by R.F. Hindmarsh. M.I.C.E per F. Calvert A.M.I.C.E
CHIEF ENGINEER Resident Engineer.

Lat. 55 N Long. 1°-25' W.
Time of Observation 9 am
Nearest Railway Station Tynemouth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 8 in.
" " " " Sea Level 64. 81. ft.

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.
NIL.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	NIL	·02	NIL	NIL	3·12	NIL	·01	·17	·07	·05	NIL	RRR 1
2	NIL	NIL	NIL	NIL	NIL	·46	·19	·06	NIL	NIL	·32	NIL	2
3	·16	NIL	NIL	NIL	·20	NIL	NIL	·09	NIL	NIL	·08	·45	C 3
4	NIL	NIL	·06	·01	·02	NIL	·50	·01	NIL	·02	NIL	·01	4
5	NIL	NIL	NIL	NIL	·18	NIL	·05	NIL	·01	·15	NIL	·56	5
6	NIL	NIL	NIL	NIL	·01	·06	·18	NIL	NIL	2·09 2·09	NIL	·08	6
7	NIL	NIL	NIL	NIL	·36	·27	·04	NIL	·04	·11	NIL	NIL	7
8	NIL	·01	NIL	NIL	·11	·20	NIL	NIL	·35	NIL	NIL	·03	8
9	NIL	NIL	NIL	NIL	·26	·26	NIL	NIL	·02	NIL	·02	·10	9
10	·01	·13	NIL	NIL	·05	·08	NIL	NIL	·20	·05	NIL	NIL	10
11	·03	·18	NIL	·01	·04	·09	·07	NIL	NIL	·01	NIL	NIL	11
12	·17	·15	NIL	·03	·07	·01 ·07	·01	NIL	NIL	NIL	·08	NIL	12
13	·12	·01	NIL	NIL	·17	·10	NIL	·23	·01	NIL	NIL	·01	13
14	·01	NIL	NIL	·21	·05	NIL	NIL	·09	·07	NIL	·02	·10	14
15	NIL	NIL	NIL	·01	·05	NIL	NIL	·03	·01	NIL	·01	·01	15
16	NIL	·01	NIL	NIL	·15	·02	·05	NIL	·08	NIL	NIL	·13	16
17	NIL	NIL	NIL	NIL	·01	NIL	NIL	·08	·07	·01	NIL	·01	17
18	·08	·12	NIL	NIL	NIL	·32	·02	·92	NIL	NIL	·02	NIL	18
19	·15	·07	NIL	NIL	·54	·03	·45	·03	NIL	·11	·03	NIL	19
20	·14	NIL	NIL	NIL	·13	NIL	·46	·02	·53	NIL	NIL	NIL	20
21	NIL	NIL	NIL	·02	·06	NIL	·30	·25	·15	NIL	NIL	NIL	21
22	·21	·03	·08	NIL	·32	NIL	·23	·07	·08	·01	NIL	NIL	22
23	·38	·04	·17	NIL	·02	NIL	·26	·27	·54	NIL	·05	NIL	23
24	·12	·02	·45	·13	·01	NIL	·03	·11	·07	NIL	·23	·02	24
25	·01	·04	·06	·09	NIL	NIL	·32	·03	NIL	NIL	NIL	·01	25
26	NIL	·10	·01	·03	NIL	NIL	·14	·12	·11	NIL	·05	·10	26
27	·03	NIL	NIL	·16	NIL	NIL	NIL	NIL	NIL	·39	·20	·01	27
28	NIL	·17	NIL	·32	NIL	NIL	·07	·04	NIL	·12	·05	·07	28
29	·02	·07	NIL	·27	NIL	NIL	·68	·08	·03	·07	·05	·01	29
30	NIL	X	NIL	NIL	NIL	·15	·12	·10	NIL	·15	NIL	·17	747 30
31	NIL	X	NIL	X	·42	X	·07	NIL	X	·08	X	NIL	29·42 31
TOTAL	~~1·67~~ 1·64	·02 ~~1·15~~ 1·17	~~·85~~ ·83	1·29	3·12 ~~3·23~~ 6·35	~~5·26~~ 2·14	·91 ~~4·24~~ 4·29	·17 ~~2·64~~ 2·80	·07 ~~2·54~~ 2·44	·05 ~~3·44~~ 3·43	~~1·26~~ 1·21	1·88	YEAR'S TOTAL ~~29·45~~
Days with ·01 in. or more	15 ~~16~~	16 ~~15~~	6 ~~7~~	12	23 ~~22~~	13 ~~14~~	22 ~~21~~	20	18	15	14 ~~15~~	18	192 ~~193~~
Days with ·04 in. or more	9	10	5	6	18 ~~17~~	10 ~~11~~	18	16 ~~15~~	13	11	9 ~~10~~	9	134

(*237) Wt. 10569—9158. 9,000. 8/23. T. S. 128.

Section **A** for the entry of Daily Observations. Cor. for WD.

FOR OFFICIAL USE. 2289

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Tyne Piers Works. Tynemouth
in the County of Northumberland WD
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 1 ft. 8 in.
" Ground " Sea Level 64.81 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. 0.30

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	Nil	Nil	0.03	0.25	0.25	Nil	Nil	0.02	0.02	Nil	0.01	0.15	1
2	0.13	Nil	0.18	Nil	0.03	0.01	Nil	0.15	Nil	Nil	0.11	0.12	2
3	0.12	Nil	Nil	0.15	Nil	Nil	0.02	Nil	Nil	Nil	0.05	0.23	3
4	0.70	Nil	0.03	Nil	Nil	Nil	0.01	0.02	0.14	0.13	0.27	0.01	4
5	0.01	Nil	Nil	Nil	0.31	Nil	Nil	Nil	Nil	Nil	0.05	Nil	5
6	Nil	Nil	Nil	0.40	0.01	Nil	Nil	0.12	0.02	Nil	Nil	Nil	6
7	Nil	Nil	Nil	0.12	0.03	Nil	Nil	0.26	Nil	Nil	0.06	Nil	7
8	Nil	0.02	Nil	0.09	0.03	Nil	0.18	0.09	0.07	0.01	0.20	Nil	8
9	Nil	Nil	0.05	0.05	0.10	Nil	Nil	0.45	0.02	Nil	0.24	0.31	9
10	Nil	Nil	0.09	Nil	0.01	Nil	0.06	0.01	0.32	Nil	Nil	0.01	10
11	Nil	0.44	0.14	Nil	Nil	Nil	Nil	0.23	0.01	Nil	0.06	Nil	11
12	Nil	0.48	0.15	Nil	0.12	Nil	Nil	0.18	0.05	Nil	Nil	0.10	12
13	Nil	0.08	0.01	0.03	Nil	Nil	Nil	0.04	Nil	0.03	Nil	Nil	13
14	Nil	0.13	Nil	0.10	Nil	Nil	Nil	0.01	0.01	Nil	Nil	Nil	14
15	Nil	0.16	0.04	0.02	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	15
16	Nil	0.14	Nil	0.02	Nil	Nil	Nil	Nil	0.16	0.02	Nil	Nil	16
17	Nil	0.36	Nil	Nil	Nil	Nil	Nil	Nil	0.11	0.13	Nil	0.21	17
18	Nil	0.11	Nil	0.06	Nil	Nil	Nil	Nil	0.06	0.01	Nil	0.15	18
19	Nil	0.05	Nil	0.35	0.04	Nil	Nil	Nil	Nil	0.01	Nil	Nil	19
20	Nil	0.06	0.20	Nil	0.03	0.08	Nil	Nil	0.84	0.10	Nil	0.49	20
21	Nil	Nil	0.14	Nil	Nil	Nil	0.36	0.02	Nil	0.36	Nil	0.58	21
22	Nil	0.04	Nil	Nil	Nil	0.02	0.01	0.35	Nil	0.06	Nil	0.51	22
23	Nil	Nil	Nil	0.02	Nil	Nil	Nil	0.55	0.61	0.18	0.14	Nil	23
24	0.07	0.11	0.05	Nil	0.26	Nil	Nil	0.04	0.09	0.04	0.03	Nil	24
25	Nil	0.13	0.21	0.01	0.74	Nil	Nil	0.01	0.09	0.04	0.03	Nil	25
26	Nil	0.17	0.20	0.05	0.17	Nil	0.63	Nil	0.31	0.07	Nil	Nil	26
27	0.01	0.07	Nil	0.22	0.14	0.01	0.10	0.08	Nil	0.04	Nil	0.05	27
28	Nil	0.03	Nil	0.01	0.08	Nil	0.39	0.03	Nil	0.16	0.36	Nil	28
29	0.11	×	Nil	Nil	0.01	Nil	0.07	Nil	Nil	0.04	0.18	0.06	29 636
30	0.15	×	Nil	0.24	Nil	Nil	0.06	Nil	0.01	0.01	0.36	0.36	30 25.04
31	0.01	×	Nil	×	0.04	×	0.02	0.01	×	Nil	×	0.17	31
TOTAL	– ~~1.31~~ 1.31	·03 ~~2.58~~ 2.61	·25 ~~1.52~~ 1.74	·25 ~~2.19~~ 2.19	– ~~2.40~~ 2.15	– ~~0.12~~ 0.12	·02 ~~1.91~~ 1.93	·02 ~~2.67~~ 2.64	– ~~2.94~~ 2.92	·01 ~~1.44~~ 1.45	·15 ~~2.16~~ 2.29	·30 ~~3.51~~ 3.66	YEAR'S TOTAL ~~24.74~~
Days with ·01 in. or more.	9	18 ~~17~~	14	18	~~18~~ 17	4	~~12~~ 13	20	~~18~~ 17	~~18~~ 19	15	16	180 ~~179~~
Days with ·04 in. or more.	6	15	12	11	10	1	8	12	12	12	~~12~~ 13	14	126 ~~125~~

(Signed) PP R.F. Hindmarsh. M.I.C.E. Chief Eng. [P.T.O.
F. Calvert A.M.I.C.E Resident Engineer.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1926.

3289

corr. for WD

Kept at Tyne Piers Works, Tynemouth
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 8 in.
" Ground " Sea Level 64.81 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: nil.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.30	0.12	nil	0.07	nil	0.01	nil	nil	nil	0.08	nil	0.01	1
2	0.10	0.03	nil	nil	nil	nil	nil	nil	0.16	0.15	0.42	0.01	2
3	0.02	0.17	nil	nil	nil	nil	nil	nil	0.10	nil	0.16	nil	3
4	0.[illegible]	nil	0.08	nil	nil	nil	nil	nil	nil	nil	0.02	nil	4
5	nil	0.05	0.04	nil	nil	nil	nil	nil	nil	nil	0.14	nil	5
6	0.04	0.21	nil	nil	0.04	nil	0.33	nil	nil	nil	0.02	0.11	6
7	0.10	0.36	0.02	nil	0.14	nil	0.64	0.26	nil	nil	0.07	0.01	7
8	0.05	0.10	nil	nil	nil	0.12	nil	0.05	nil	0.08	nil	nil	8
9	0.03	0.07	nil	nil	0.01	0.48	nil	nil	0.17	0.23	0.60	nil	9
10	NIL	0.12	0.30	nil	0.05	0.68	2.68	nil	0.06	0.05	0.01	nil	10
11	nil	0.03	nil	nil	0.08	0.04	nil	0.04	nil	nil	0.08	nil	11
12	nil	0.28	nil	nil	nil	0.12	nil	0.02	nil	nil	nil	nil	12
13	nil	nil	nil	nil	0.03	0.04	nil	0.06	0.05	0.41	nil	nil	13
14	nil	nil	nil	nil	0.05	0.03	nil	nil	0.01	0.20	0.15	0.15	14
15	0.10	0.36	nil	0.03	nil	0.27	nil	0.10	0.08	0.01	0.13	0.02	15
16	0.17	nil	nil	0.04	0.03	0.73	nil	0.64	nil	nil	0.12	0.08	16
17	nil	0.02	nil	nil	0.01	0.19	nil	0.09	0.04	0.13	0.18	nil	17
18	0.02	nil	0.04	0.29	0.62	nil	nil	nil	nil	0.06	nil	nil	18
19	0.29	0.01	0.08	nil	nil	nil	0.82	0.21	nil	nil	0.33	nil	19
20	nil	0.04	0.09	0.10	nil	0.02	0.19	0.05	0.58	nil	nil	nil	20
21	nil	0.01	0.03	nil	0.07	0.02	0.16	0.08	0.12	0.04	0.11	0.04	21
22	nil	0.03	0.08	nil	0.25	nil	0.10	0.03	nil	0.24	nil	0.08	22
23	0.20	0.03	0.01	0.05	nil	0.18	nil	0.07	nil	0.01	0.19	nil	23
24	0.01	nil	nil	nil	nil	0.05	0.01	0.02	0.06	nil	0.04	0.01	24
25	0.01	nil	nil	nil	nil	nil	0.14	nil	0.04	0.38	nil	0.03	25
26	0.09	nil	nil	0.24	0.07	nil	nil	nil	nil	0.08	0.23	0.01	26
27	nil	0.16	nil	0.09	0.36	nil	nil	nil	0.50	nil	0.03	nil	27
28	0.03	0.04	nil	0.04	0.02	0.02	0.24	nil	nil	nil	0.32	0.11	28
29	0.10	×	0.02	0.06	0.31	nil	0.15	nil	nil	0.11	0.05	nil	29
30	0.16	×	0.02	0.01	0.06	nil	nil	nil	nil	0.07	nil	nil	30
31	nil	×	nil	×	0.10	×	nil	0.20	×	nil	×	nil	31
TOTAL	·12 ~~2.17~~ 1·99	~~2.24~~ 2·12	·07 ~~0.81~~ ·88	~~1.02~~ ·95	·01 ~~1.70~~ 1·71	~~3.08~~ 2·99	5.46	1.92	·08 ~~1.97~~ 2·05	~~2.33~~ 2·25	·01 ~~3.40~~ 3·41	~~0.67~~ ·66	YEAR'S TOTAL ~~26.69~~ 26·39
Days with ·01 in. or more.	19	19 ~~20~~	~~12~~ 13	10 ~~11~~	19 ~~18~~	15 ~~16~~	11	15	~~13~~ 14	16 ~~17~~	21 22	12 ~~13~~	~~186~~ 188
Days with ·04 in. or more.	12	12 ~~13~~	~~7~~ 8	~~9~~ 8	12	11	10	12	13 ~~12~~	14 ~~15~~	17	6	~~136~~ 135

Please read the Notes and Instructions Overleaf.

p.p. R.F. Hindmarsh. M.Inst.C.E. Chief Engineer
(Signed) F. Calvard. A.M.Inst.C.E. Resident Engineer [P.T.O.

(144ws)

3273

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

Kept at North Pier Blockyard
in the County of Northumberland
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 1 ft. 8 in.
,, Ground ,, Sea Level 64.81 ft.

? WP

Corr for WD.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. Nil

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	Nil	Nil	0.08	Nil	Nil	0.07	1.55	Nil	0.02	0.02	Nil	Nil	1
2	Nil	Nil	0.11	0.04	Nil	0.13	0.07	0.01	Nil	0.11	0.37	Nil	2
3	Nil	0.03	0.01	0.18	0.06	Nil	Nil	Nil	Nil	Nil	0.23	Nil	3
4	Nil	Nil	0.06	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.01	Nil	4
5	Nil	Nil	0.05	0.11	0.36	0.02	Nil	Nil	Nil	Nil	0.04	Nil	5
6	0.07	0.09	0.13	Nil	Nil	0.10	1.15	0.02	Nil	Nil	0.01	Nil	6
7	Nil	0.05	0.02	Nil	Nil	0.18	0.15	0.67	0.02	Nil	0.03	Nil	7
8	Nil	0.20	0.10	0.08	Nil	0.05	0.44	0.07	0.04	Nil	0.63	Nil	8
9	0.25	Nil	0.04	Nil	Nil	0.32	Nil	1.28	0.03	0.02	0.04	Nil	9
10	Nil	Nil	Nil	0.16	Nil	Nil	Nil	0.08	Nil	Nil	0.15	0.02	10
11	Nil	Nil	0.05	0.05	Nil	Nil	Nil	0.02	0.17	Nil	0.65	0.02	11
12	Nil	Nil	0.08	0.08	Nil	Nil	Nil	0.02	Nil	Nil	0.64	0.06	12
13	0.01	Nil	0.01	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.04	0.03	13
14	0.18	Nil	Nil	0.01	0.21	Nil	Nil	0.48	Nil	0.40	0.05	0.08	14
15	0.02	Nil	Nil	0.01	0.19	Nil	Nil	0.25	0.02	0.01	0.09	0.97	15
16	Nil	Nil	Nil	0.05	0.02	Nil	Nil	0.01	Nil	0.07	0.09	0.27	16
17	Nil	Nil	Nil	Nil	0.12	0.26	Nil	0.12	Nil	0.11	Nil	Nil	17
18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.12	0.02	Nil	0.08	18
19	0.09	Nil	Nil	Nil	Nil	0.12	Nil	0.40	Nil	0.01	Nil	0.05	19
20	Nil	0.01	Nil	Nil	Nil	Nil	Nil	0.20	0.05	0.05	0.12	0.04	20
21	0.16	Nil	Nil	Nil	0.02	0.02	Nil	0.07	0.96	Nil	Nil	0.10	21
22	Nil	0.22	Nil	Nil	0.05	Nil	1.20	0.08	0.70	0.40	0.08	0.49	22
23	0.01	Nil	0.18	0.02	Nil	0.05	0.07	0.31	0.58	0.20	0.03	0.72	23
24	Nil	Nil	0.03	Nil	0.36	0.22	0.56	0.13	0.05	Nil	0.11	0.06	24
25	Nil	Nil	0.06	0.14	0.10	0.05	0.02	Nil	0.08	0.04	Nil	0.39	25
26	0.02	0.04	0.07	0.65	Nil	0.72	0.11	Nil	0.01	0.05	Nil	0.12	26
27	0.22	0.11	0.01	Nil	Nil	0.11	0.10	Nil	0.10	0.20	Nil	0.08	27
28	0.12	0.05	0.08	0.05	Nil	0.09	0.05	0.15	Nil	Nil	Nil	0.07	28
29	0.11	×	Nil	Nil	Nil	Nil	Nil	0.10	0.14	0.14	0.01	Nil	29
30	0.05	×	0.09	Nil	Nil	Nil	0.01	Nil	0.30	Nil	Nil	Nil	30
31	Nil	× .08	Nil	×	Nil .07	× 1.55	Nil	0.01 .02	× .02	Nil	×	Nil	31
TOTAL	1.31	~~0.80~~ .88	~~1.26~~ 1.18	1.63	~~1.49~~ 1.56	~~2.51~~ 3.99	~~5.48~~ 3.93	~~4.48~~ 4.50	3.39	~~1.85~~ 1.83	3.42	3.65	YEAR'S TOTAL 31.27
Days with ·01 in. or more.	13	~~9~~ 10	~~19~~ 18	14	~~10~~ 11	16	~~13~~ 12	~~21~~ 22	17	~~16~~ 15	20	18	186
Days with ·04 in. or more.	9	~~7~~ 8	~~14~~ 13	11	~~8~~ 9	14	~~11~~ 10	15	12	11	15	15	142

40-12-1-27
144w)

(Signed) pp. R. F. Hindmarsh. M.Inst.C.E. Chief Engineer.
F. Calvert . A.M.Inst.C.E. Resident Engineer.

3358

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 192[illegible].

Kept at North Pier Blockyard
in the County of Northumberland
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 1 ft. 0 in.
„ Ground „ Sea Level 54·14 ft.

WD

Circ C sent 30/4/29

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. 0·01

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	Nil	0·18	0·01	0·06	0·11	Nil	Nil	Nil	0·05	Nil	0·06	Nil	1
2	0·04	0·03	0·14	0·06	0·02	Nil	0·34	Nil	Nil	Nil	0·08	Nil	2
3	Nil	0·08	0·15	0·03	0·02	Nil	Nil	Nil	Nil	Nil	0·25	Nil	3
4	Nil	Nil	Nil	0·01	0·17	Nil	Nil	Nil	0·10	Nil	0·09	Nil	4
5	0·02	0·14	0·01	0·01	Nil	Nil	0·18	Nil	Nil	Nil	Nil	0·02	5
6	0·07	0·02	~~0·01~~	~~Nil~~	~~Nil~~	Nil	Nil	Nil	0·11	0·22	0·09	0·02	6
7	0·05	Nil	0·02	Nil	Nil	Nil	0·02	0·24	Nil	Nil	0·01	Nil	7
8	0·05	Nil	0·01	Nil	Nil	0·29	Nil	0·13	0·06	0·26	Nil	Nil	8
9	Nil	Nil	0·01	Nil	Nil	0·30	Nil	0·13	0·10	Nil	Nil	Nil	9
10	Nil	0·06	0·05	Nil	Nil	0·19	Nil	0·02	0·08	0·29	0·01	Nil	10
11	0·02	0·19	0·02	0·29	Nil	Nil	Nil	Nil	0·28	0·06	0·04	0·01	11
12	Nil	0·08	0·36	0·01	0·03	Nil	Nil	0·42	Nil	0·82	0·20	0·19	12
13	Nil	Nil	0·15	Nil	0·01	0·03	Nil	0·09	Nil	0·02	0·02	0·01	13
14	Nil	0·13	0·03	0·01	0·01	1·46	Nil	0·23	Nil	0·01	Nil	0·02	14
15	0·14	0·01	0·01	Nil	Nil	0·18	Nil	Nil	Nil	0·21	0·02	0·10	15
16	Nil	Nil	Nil	Nil	0·31	0·13	Nil	0·03	Nil	0·02	0·01	0·36	16
17	0·02	0·11	Nil	0·05	Nil	0·09	Nil	0·04	0·01	0·01	0·65	0·01	17
18	Nil	Nil	0·03	Nil	0·15	0·10	Nil	Nil	0·01	Nil	Nil	Nil	18
19	0·57	Nil	0·02	0·04	0·17	0·11	Nil	Nil	Nil	0·03	0·05	0·06	19
20	Nil	Nil	0·03	0·12	0·04	0·04	Nil	0·08	0·02	0·02	0·21	0·02	20
21	0·04	Nil	Nil	0·22	0·06	Nil	Nil	0·61	0·04	Nil	0·13	Nil	21
22	0·11	Nil	Nil	Nil	Nil	0·06	Nil	0·03	Nil	Nil	0·03	0·01	22
23	Nil	0·01	Nil	Nil	0·02	Nil	Nil	Nil	Nil	Nil	0·14	0·02	23
24	0·23	Nil	0·04	Nil	Nil	0·03	Nil	0·13	Nil	Nil	0·08	Nil	24
25	0·02	Nil	0·07	Nil	Nil	Nil	Nil	0·25	0·05	0·01	Nil	0·04	25
26	0·09	Nil	Nil	Nil	Nil	0·08	Nil	0·01	0·03	Nil	0·01	0·02	26
27	0·10	Nil	0·02	Nil	0·06	0·09	0·79	0·14	Nil	0·20	Nil	Nil	27
28	0·04	Nil	0·02	Nil	0·01	Nil	0·04	0·09	Nil	Nil	Nil	Nil	28
29	0·27	Nil	0·05	Nil	Nil	0·08	0·08	0·01	0·03	Nil	Nil	0·08	29
30	0·23	× ·01	0·31	Nil	Nil	Nil	Nil	0·47	0·09	0·07	0·12	0·15	30
31	Nil ·18	×	Nil ·06	0·11 ×	Nil	×	Nil	Nil ·05	×	Nil ·06	×	0·15	31
TOTAL	2·29 ~~2·11~~	·87 ~~1·04~~	1·62 ~~1·57~~	0·96 ~~0·91~~	1·08 ~~1·19~~	3·26	1·45	3·20 ~~3·15~~	1·01 ~~1·06~~	2·31 ~~2·25~~	2·24 ~~2·30~~	1·29	YEAR'S TOTAL 21·58
Days with ·01 in. or more.	~~18~~ 19	12	23	12	~~15~~ 14	16	6	20 ~~19~~	14 ~~15~~	~~15~~ 16	~~21~~ 20	18	190
Days with ·04 in. or more.	~~14~~ 15	~~8~~ 7	~~9~~ 10	7	~~8~~ 7	14	5	15 ~~14~~	9 ~~10~~	~~8~~ 9	~~14~~ 13	8	119

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pp. R.F. Hindmarsh. M.Inst.C.E. Chief Engineer
(Signed) ~~E. Balvart~~ A.M.Inst.C.E. Resdt. Engineer

[P.T.O.

3440

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Feb misplot

ck. for W.D.

WD ✓

Kept at ~~North~~ Pier Blockyard
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 54.14 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. 0.11 ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.01	0.02	Nil	0.03	Nil	Nil	Nil	0.59	Nil	0.03	Nil	0.36	1
2	0.20	0.13	Nil	Nil	Nil	0.31	Nil	0.03	Nil	0.08	Nil	0.01	2
3	Nil	0.03	Nil	0.01	Nil	0.01	Nil	0.21	Nil	Nil	0.01	0.01	3
4	0.02	Nil	0.03	Nil	0.04	0.08	0.01	0.08	0.16	Nil	Nil	0.05	4
5	0.05	Nil	Nil	0.23	Nil	Nil	0.30	0.22	Nil	Nil	0.10	0.09	5
6	0.06	Nil	Nil	Nil	0.08	0.14	0.50	0.05	Nil	0.16	0.07	0.05	6
7	0.07	Nil	Nil	Nil	0.08	0.19	0.05	0.75	Nil	0.11	0.01	0.15	7
8	0.02	Nil	Nil	0.02	0.04	Nil	Nil	0.02	Nil	0.15	0.09	0.01	8
9	Nil	0.23	Nil	Nil	Nil	0.03	Nil	0.01	0.01	0.24	Nil	0.14	9
10	0.39	0.02	Nil	0.01	Nil	Nil	0.01	Nil	Nil	Nil	0.41	Nil	10
11	0.05	0.04	Nil	0.01	0.01	0.04	0.08	0.06	Nil	0.02	Nil	0.28	11
12	Nil	Nil	Nil	Nil	0.06	Nil	Nil	Nil	Nil	Nil	0.03	0.01	12
13	0.09	Nil	Nil	Nil	0.05	0.30	Nil	Nil	0.07	Nil	0.03	0.01	13
14	0.06	Nil	Nil	0.01	0.02	0.08	Nil	0.15	Nil	Nil	Nil	Nil	14
15	0.06	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.01	Nil	Nil	15
16	0.10	Nil	Nil	Nil	0.05	Nil	Nil	Nil	Nil	Nil	Nil	Nil	16
17	0.23	Nil	Nil	Nil	Nil	Nil	0.07	0.20	Nil	Nil	0.21	Nil	17
18	Nil	0.06	Nil	Nil	Nil	Nil	Nil	0.10	Nil	Nil	0.50	Nil	18
19	0.01	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.20	Nil	19
20	Nil	Nil	Nil	0.01	Nil	Nil	Nil	Nil	Nil	Nil	0.01	Nil	20
21	Nil	Nil	0.05	Nil	Nil	Nil	Nil	0.10	0.02	0.08	Nil	0.31	21
22	Nil	0.16	0.41	Nil	Nil	0.13	0.06	0.20	Nil	Nil	Nil	0.08	22
23	Nil	0.04	Nil	0.04	Nil	Nil	0.37	0.11	Nil	Nil	Nil	0.13	23
24	0.08	Nil	Nil	0.12	Nil	0.10	Nil	0.08	Nil	0.40	0.19	0.36	24
25	0.21	Nil	Nil	0.02	0.09	Nil	Nil	0.05	Nil	0.27	0.07	0.77	25
26	0.06	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.25	0.09	26
27	0.03	Nil	Nil	0.23	Nil	Nil	Nil	Nil	Nil	0.27	0.03	0.01	27
28	0.09	Nil	Nil	0.24	Nil	Nil	Nil	0.17	Nil	0.11	0.04	Nil	28
29	0.20	Nil	Nil	0.12	Nil	Nil	0.19	Nil	0.57	0.03	0.08	0.32	29
30	0.32	×	Nil	Nil	Nil	Nil	0.02	0.04	0.01	0.06	0.03	0.01	30 20.46
31	0.01	×	Nil	×	Nil	×	0.24	Nil	×	0.10	×	Nil	31
TOTAL	+·01 ~~2.42~~ 2.43	−·02 ~~0.73~~ ·71	+·03 ~~0.49~~ ·52	−·03 ~~1.10~~ 1.07	0.52	1.41	+·59 ~~1.90~~ 2.49	−·59 ~~3.22~~ 2.63	+·03 ~~0.84~~ ·87	−·03 ~~2.12~~ 2.09	+·36 ~~2.36~~ 2.72	−·25 ~~3.25~~ 3.90	YEAR'S TOTAL 20.36
Days with ·01 in. or more.	22	8 ~~9~~	4 ~~3~~	13 ~~14~~	10	11	13 ~~12~~	19 ~~20~~	7 ~~6~~	15 ~~16~~	20 ~~19~~	21	163
Days with ·04 in. or more.	17	6	2	6	8	9	10 ~~9~~	16 ~~17~~	3	11	13 ~~12~~	14	~~114~~ 115

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H. B. Hindmarsh M.Inst.C.E. Chief Engineer
(Signed) pp H. Calvert A.M.Inst.C.E.
Resident Engineer

P.T.O.

3510

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at North Pier Blockyard

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 54.14 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: 0.04

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.11	0.12	Tr.	0.05	Tr.	Nil	0.12	Nil	0.01	0.01	0.15	Nil	1
2	0.10	0.19	Tr.	0.16	Tr.	0.07	Nil	0.33	Nil	Nil	0.42	Nil	2
3	0.02	0.05	Tr.	0.43	Tr.	Nil	Nil	0.14	Nil	Tr.	0.60	Nil	3
4	0.03	0.07	Tr.	Tr.	0.01	Nil	Tr.	0.01	Nil	0.41	0.21	Nil	4
5	0.01	0.05	Tr.	0.01	0.05	Nil	0.01	0.41	0.12	0.19	Nil	Nil	5
6	0.01	0.29	0.08	Tr.	Tr.	Nil	0.04	Nil	Tr.	0.03	Nil	Tr.	6
7	Nil	0.14	0.06	0.07	Tr.	Nil	Nil	Nil	0.10	0.05	Nil	Tr.	7
8	0.18	Nil	Tr.	Tr.	0.25	Nil	Nil	0.02	0.15	0.07	0.01	0.24	8
9	0.10	0.01	Tr.	0.03	0.18	Nil	Tr.	0.10	Tr.	0.51	Nil	0.01	9
10	0.09	Nil	0.12	0.30	0.14	0.03	Nil	0.20	0.25	Nil	Nil	Nil	10
11	0.16	Nil	0.04	Tr.	0.06	0.03	0.10	0.04	0.42	Nil	Nil	Nil	11
12	0.03	Nil	Tr.	Tr.	Tr.	0.01	Nil	Nil	Tr.	0.05	Nil	0.56	12
13	0.44	Nil	0.02	Nil	0.14	Nil	Nil	0.15	0.28	Tr.	Nil	0.11	13
14	0.38	Nil	0.03	0.02	0.08	Nil	0.26	0.22	0.10	Tr.	Nil	0.01	14
15	0.44	Nil	Tr.	Tr.	Tr.	Nil	0.01	Nil	0.02	Tr.	0.30	0.07	15
16	Nil	Tr.	0.45	Nil	0.01	Nil	0.04	Nil	Nil	0.05	0.05	Nil	16
17	Tr.	0.05	0.35	Tr.	Nil	0.17	0.37	Nil	0.01	Tr.	Nil	0.01	17
18	0.01	0.07	0.27	0.02	0.03	0.18	Nil	0.01	0.46	Tr.	Nil	Tr.	18
19	Tr.	Nil	0.17	0.14	Nil	Nil	Nil	0.11	Tr.	Tr.	0.43	Nil	19
20	Tr.	Nil	Nil	0.02	Tr.	0.28	Nil	0.04	0.26	0.10	0.01	Nil	20
21	Tr.	Nil	0.08	0.08	Tr.	0.05	0.82	0.37	0.05	Nil	0.26	Tr.	21
22	0.02	Nil	Tr.	Tr.	Tr.	0.08	0.56	0.04	Tr.	0.15	0.23	Tr.	22
23	0.04	Tr.	Tr.	Tr.	Tr.	0.02	1.04	Nil	Tr.	0.05	0.45	Nil	23
24	Tr.	Tr.	Tr.	0.06	0.07	0.21	0.23	Nil	Tr.	Nil	Tr.	Tr.	24
25	0.04	0.05	Tr.	0.08	Tr.	Tr.	0.01	0.06	Tr.	Nil	0.20	0.02	25
26	Tr.	0.04	Nil	0.02	0.02	Nil	Nil	Tr.	0.19	Nil	0.09	0.20	26
27	0.44	0.01	Nil	0.03	Nil	Nil	Nil	0.09	0.17	Nil	Tr.	0.33	27
28	0.14	Tr.	Nil	0.07	Nil	Nil	Nil	Nil	Nil	Nil	Tr.	0.06	28
29	Nil	×	Nil	Tr.	Nil	Tr.	0.09	Tr.	0.01	Nil	0.01	0.06	29
30	Nil	×	Nil	Tr.	Nil	Tr.	0.21	0.76	Tr.	0.10	Tr.	0.39	30
31	Tr.	×	Tr.	×	0.04	×	Tr.	0.37	×	Nil	×	0.35	31 26.83
TOTAL	2.71 ~~2.70~~	1.02 ~~1.14~~	1.72 ~~1.67~~	1.54 ~~1.59~~	1.08 ~~1.08~~	1.25 ~~1.13~~	3.79 ~~3.91~~	3.48 ~~3.47~~	2.60 ~~2.60~~	1.91 ~~1.77~~	3.27 ~~3.42~~	2.46 ~~2.42~~	YEAR'S TOTAL ~~26.90~~
*Days with ·01 in. or more.	~~20~~ 19	13	11	17	13	11	15	19	16	13	15	~~14~~ 15	177 ✓
*Days with ·04 in. or more.	~~12~~ 11	11	9	10	9	7	12	16	12	11	12	~~10~~ 11	131 ✓

40-9999

(Signed) R.F. Hindmarsh. M.I.C.E. Chief Engineer
~~H. F. Calvert~~ A.M.I.C.E.
Resident Engineer.

[P.T.O.

*See Instruction 2 (*f*) on other side.

WALLSEND - ON - TYNE
CARVILLE SCH
NORTHUMBERLAND
1921 - 1922

FORM A. 1. METEOROLOGICA… …ZATION.

REGIS…

12 JAN. 1922

…at Caraille … W.
in the County of Nor… …allsend
by Geo. R. Pa… …ge 5 in.
…ound – ft. 11 in.
…Level ~~200~~ ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. –

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			–	·24	–	–		–	·33	–	–	–	1
2			–	–	–	–		·55	·06	–	–	–	2
3			–	·02	·04	–		·09	–	·02	·095	–	3
4			–	–	–	–		·04	–	·04	·13	–	4
5			–	–	–	–		·015	–	·05	–	·055	5
6			–	–	·04	·06		–	–	–	–	·015	6
7			(·30) –	–	–	–		–	–	–	–	·065	7
8			–	–	–	–		·48	–	–	–	·025	8
9			–	·12	·035	·09		·025	–	–	–	–	9
10			–	–	–	–		·78	·03	–	–	–	10
11			–	·04	·05	–		·135	–	·04	–	–	11
12			–	·25	·1	–		·23	–	–	–	–	12
13			–	–	·13	·055		·02	·005	–	–	–	13
14			·045	–	–	–		·03	·65	·025	·04	–	14
15			·04	·01	–	–		·02	–	–	·5	·02	15
16			–	–	–	–		–	–	–	·24	·065	16
17			–	–	–	–		·05	–	–	–	·19	17
18			–	·56	·34	–	·38	·01	–	–	–	·05	18
19			·05	·01	–	–	·015	·	–	–	–	·025	19
20			·035	·015	·04	–	–		·02	·04	–	–	20
21			–	–	–	–	–	1·95	–	–	–	–	21
22			–	–	–	(·50) –	–		–	·45	–	–	22
23			–	–	–	–	–	·11	–	1·21	–	–	23
24			–		–	–	–	·01		·005	–	–	24
25			–	(·50)	–	–	·42	–		–	–	·075	25
26			–	–	–	–	·02	–		–	–	·23	26
27			–	–	·03	–	–	–		–	–	·175	27
28			–	–	–	–	·135	–		–	–	–	28
29			–	–	–	–	·45	·88		–	–	·1	29
30			–	–	·06	–	–			–	–	–	30
31			–		·095		–	2·13		–		–	31
TOTAL			(·47) ~~·140~~	(1·795) ~~1·295~~	1·050	(·705) ~~·205~~	1·420	4·055	1·095	1·880	imp ~~1·005~~	1·090	YEAR'S TOTAL ~~16·265~~
Days with ·01 in. or more			~~4~~	~~9~~	~~11~~	~~3~~	~~6~~	~~19~~	~~5~~	~~8~~	~~5~~	13	~~81~~
Days with ·04 in. or more			~~3~~	~~5~~	~~9~~	~~3~~	~~4~~	~~12~~	~~3~~	~~5~~	~~5~~	~~9~~	~~58~~

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A. 1. METEOROLOGICA[redacted]ZATION.

REGIS[redacted]

12 JAN 1922

Kept at Caraille Co: School Wallsend

in the County of Northumberland

by Geo. R. Patteson

Lat. 55° N. Long. 1·5° W.
Time of Observation 9 a.m.
Nearest Railway Station Wallsend
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground – ft. 11 in.
" " " " Sea Level ~~200~~ ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. –

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			–	·27	–	–		–	·33	–	–	–	1
2			–	–	–	–		·55	·06	–	–	–	2
3			–	·02	·07	–		·09	–	·02	·095	–	3
4			–	–	–	–		·07	–	·07	·13	–	4
5			–	–	–	–		·015	–	·05	–	·055	5
6			–	–	·07	·06		–	–	–	–	·015	6
7			(·30) –	–	–	–		–	–	–	–	·065	7
8			–	–	–	–		·48	–	–	–	·025	8
9			–	·12	·035	·09		·025	–	–	–	–	9
10			–	–	–	–		·78	·03	–	–	–	10
11			–	·04	·05	–		·135	–	·04	–	–	11
12			–	·25	·1	–		·23	–	–	–	–	12
13			–	–	·13	·055		·02	·005	–	–	–	13
14			·045	–	–	–		·03	·65	·025	·04	–	14
15			·04	·01	–	–		·02	–	–	·5	·02	15
16			–	–	–	–		–	–	–	·24	·065	16
17			–	–	–	–		·05	–	–	–	·19	17
18			–	·56	·37	–	·38	·01	–	–	–	·05	18
19			·05	·01	–	–	·015	·	–	–	–	·025	19
20			·035	·015	·04	–	–		·02	·0~~4~~	–	–	20
21			–	–	–	–	–	1·95	–	–	–	–	21
22			–	–	–	(·50) –	–		–	·45	–	–	22
23			–	–	–	–	–	·11	–	1·21	–	–	23
24			–	–	–	–	–	·07		·005	–	–	24
25			–	(·50) –	–	–	·42	–		–	–	·075	25
26			–	–	–	–	·02	–		–	–	·23	26
27			–	–	·03	–	–	–		–	–	·175	27
28			–	–	–	–	·135	–		–	–	–	28
29			–	–	–	–	·45	·88		–	–	·1	29
30		×	–	–	·06	–	–			–	–	–	30
31		×	–	×	·095	×	–	2·13	×	–	×	–	31
TOTAL			(·47) ~~1·10~~	(1·795) ~~1·295~~	1·050	(·705) ~~·205~~	1·420	4·055	1·095	1·880	imp ~~1·005~~	1·090	YEAR'S TOTAL ~~16·265~~
Days with ·01 in. or more			~~4~~	~~9~~	~~11~~	~~3~~	~~6~~	~~19~~	~~5~~	~~8~~	~~5~~	~~13~~	~~81~~ 3
Days with ·04 in. or more			~~3~~	~~5~~	~~9~~	~~3~~	~~11~~	~~12~~	~~3~~	~~6~~5	~~5~~	~~9~~	~~58~~

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

Wallsend Education Committee.

Headmaster:
~~J. HOPE~~ G. R. PATTISON

CARVILLE SENIOR SCHOOL,
WALLSEND-ON-TYNE.

12 JAN 1922

METEOROLOGICAL OFFICE
BRITISH RAINFALL ORGANIZATION
Recd .... Ansd ....
A.✓ C.✓ S. M.
Temp File .... Perm. File ....

[illegible]

January 10th 1922

Dear Sir,
I beg to return the records of our raingauge for 1921. I am sorry that it is not as complete as I would like. The records for January & Feby: are not in, because the rain-gauge we had before had not a Snowdon top. Then we have no one but the caretaker on the premises*, so that one or two weekends are lumped together. I hope however to have the tabulation more complete for this year, and send you last year's for what it is worth.

Yours truly
Geo. R Pattison.

*whom I did not like to ask to do the work, but whom I have secured to oblige me this year.
June & July returns are somewhat incomplete owing to the holidays, but these I know were very dry.

27													27
28													28
29													29
30		☒											30
31		☒		☒		☒			☒		☒		31
Total Days with ·01 in. or more Days with ·04 in. or more													Year's Total

METEOROLOGICAL OFFICE
BRITISH RAINFALL ORGANIZATION.
Recd .... Ansd ....
A C.✓ S. M.
Temp. File .... Perm. File ....
Fxd. ....

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

Northumberland

AIR MINISTRY.

Form 1090 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

(formerly B.R.O. Form A.1).

REGISTER OF RAINFALL IN 192.........

Kept at...

in the County of...

by...

Lat.......................... Long...........................

Time of Observation..............................

Nearest Railway Station..............................

Diameter of Funnel of Rain Gauge......................in.

Height of top of Gauge above Ground..........ft..........in.

" " " " Sea Level..........ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30		X											30
31		X		X		X			X		X		31
Total													Year's total
Days with ·01 in. or more													
Days with ·04 in. or more													

5 Oct/22

CARVILLE SENIOR SCHOOL WALLSEND

Dear Sir,

Thanks for your letter. Since receiving it however, I have been thinking the matter over, and I now come to the conclusion that it was because our rain-guage had not a Snowdon top then, that we took no readings for January & Feby. 1921 – or at least that we kept no records.

Yours truly

Geo. R. Pattison

METEOROLOGICAL OFFICE
BRITISH RAINFALL ORGANIZATION.
Recd.................Ansd.................
A C S M
Temp. File.........Perm. File.........
Fxd...

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

3566

WALLSEND
CARVILLE SCHOOL
NORTHUMBERLAND.
1922 - 30

FORM 1090 METEORO… …RGANIZATION.
(formerly B.R.O. Form A.1).

Kept at Carvi…
in the County of …
by Mr Le…

…2 … 1°32" West
…g 9 a.m.
… Wallsend
Rain Gauge 5 in.
above Ground 1 ft. 2¾ in.
,, Sea Level 100 ft.

IMPORTANT NO… …t entered to the previous day.

If an Observer prefers … …equested to add the reading at 9 a.m. o… …it at the end of this paragraph. Full instructions for the measurement of rain, the selectio… …g of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.
nil

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·14	·23	–	–	–	–	–	–	–	–	·08	1
2	–	·085 ·175	–	–	–	–	–	–	–	·29	·03	·02	2
3	–	·14	·11	·195	·005	–	·045	–	–	·05	·03	·005	3
4	–	–	·04	–	–	–	–	–	·21	·15	–	·015	4
5	·005	·4	–	·005	·005	–	·05	–	·01	·01	–	–	5
6	·005	–	–	–	–	–	1·09	–	–	·1	·35	·08	6
7	·01	–	–	·03	–	–	·51	–	–	–	·02	–	7
8	–	–	–	–	·01	–	~~·41~~ –	·41	–	–	·01	–	8
9	·05	–	·04	–	–	–	~~·7~~ –	·7	–	·02	–	–	9
10	–	–	·15	–	–	–	·15	–	–	·01	·055	–	10
11	–	–	–	–	–	–	–	–	·04	·015	–	–	11
12	–	–	–	–	–	·007	–	–	–	–	–	–	12
13	·03	–	–	·34	–	·025	·22	–	·21	·1	·065	·005	13
14	·14	·01	–	–	–	–	–	–	·79	–	–	–	14
15	–	–	–	·15	–	·17	–	–	–	–	–	–	15
16	·27	·055	–	–	–	·02	·73	–	–	–	–	·72	16
17	·14	·045	·005	–	·5	–	–	·21	–	·01	–	·01	17
18	–	·4	–	–	·04	–	·04	–	·05	–	–	1·09	18
19	·74	–	–	–	–	–	–	–	·015	·01	–	–	19
20	·04	–	·03	–	–	–	–	~~·08~~	·01	–	–	–	20
21	·02	–	·115	·3	–	–	–	·08 ~~·14~~	·3	–	–	–	21
22	–	–	·07	·2	·04	–	–	·14	·75	–	–	–	22
23	·04	·12	·045	–	·23	–	·09	–	–	·135	–	–	23
24	–	–	–	·01	·04	–	–	–	–	·06	–	–	24
25	·04	·03	·3	–	·015	–	–	–	–	·04	–	–	25
26	·6	–	·3	–	–	–	·15	–	–	·01	·02	–	26
27	·21	–	·3	·14	–	·38	–	–	·3	·04	·02	·115	27
28	·3	–	·14	·15	–	·16	–	·05	·1	–	–	–	28
29	·11	–	·035	·04	–	–	–	·05	·42	–	–	–	29
30	–	X	·01	–	–	·02.	–	·0	–	·24	–	·8	30
31	·005	X	–	X	–	X	–	·025	X	·24	X	·13	31
TOTAL	·14 ~~2·255~~ 2·395	·23 ~~1·985~~ 2·075	– ~~1·950~~ 1·72	1·640	·915	·482	3·455	1·695	2·205	1·560	·08 ~~·600~~ ·68	~~3·040~~ 2·99	23·112 YEAR'S TOTAL 23·112
Days with ·01 in. or more	18 ~~15~~	10	~~15~~ 14	10 11	4	6 7	10	8	12 13	18	10 ~~9~~	10 10	~~130~~
Days with ·04 in. or more	13 13	8	12 12	8	5	3	10	4	10	10 11	4 ~~3~~	6 ~~4~~	~~96~~

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

Form 1090 **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**
(formerly B.R.O. Form A.1).

REGISTER OF RAINFALL IN 1922

Kept at Carville Council School Wallsend
in the County of Northumberland
by Mr Geo. R. Pattison

Lat. 55° N. Long. 1·32" West.
Time of Observation 9 a.m.
Nearest Railway Station Wallsend
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 2¾ in.
" " " " Sea Level 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following. nil

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·14	·23	–	–	–	–	–	–	–	–	·08	1
2	–	·085 ·115	–	–	–	–	–	–	–	·29	·03	·02	2
3	–	·14	·11	·195	·005	–	·045	–	–	·05	·03	·005	3
4	–	–	·04	–	–	–	–	–	·21	·15	–	·015	4
5	·005	·1	–	·005	·005	–	·05	–	·01	·01	–	–	5
6	·005	–	–	–	–	–	1·09	–	–	·1	·35	·08	6
7	·01	–	–	·03	–	–	·51	–	–	–	·02	–	7
8	–	–	–	–	·01	–	~~·4~~ –	·41	–		·01	–	8
9	·05	–	·04	–	–	–	~~·3~~ –	·7	–	·02	–	–	9
10	–	–	·15	–	–	–	·5	–	–	·01	·055	–	10
11	–	–	–	–	–	–	–	–	·04	·015	–	–	11
12	–	–	–	–	–	·007	–	–	–	–	–	–	12
13	·03	–	–	·34	–	·025	·22	–	·21	·1	·065	·005	13
14	·14	·01	–	–	–	–	–	–	·79	–	–	–	14
15	–	–	–	·15	–	·17	–	–	–	–	–	–	15
16	·27	·055	–	–	–	·02	·73	–	–	–	–	·72	16
17	·14	·045	·005	–	·5	–	–	·21	–	·01	–	·01	17
18	–	·4	–	–	·04	–	·04	–	·05	–	–	1·09	18
19	·74	–	–	–	–	–	–	–	·015	·01	–	–	19
20	·04	–	·03	–	–	–	–	~~·08~~	·01	–	–	–	20
21	·02	–	·115	·3	–	–	–	·08 ~~·14~~	·3	–	–	–	21
22	–	–	·07	·2	·04	–	–	·14	·75	–	–	–	22
23	·04	·12	·045	–	·23	–	·09	–	–	·135	–	–	23
24	–	–	–	·01	·04	–	–	–	–	·06	–	–	24
25	·04	·03	·3	–	·015	–	–	–	–	·04	–	–	25
26	·6	–	·3	–	–	–	·15	–	–	·01	·02	–	26
27	·21	–	·3	·14	–	·38	–	–	·3	·04	·02	·115	27
28	·3	–	·14	·15	–	·16	–	·05	·1	–	–	–	28
29	·11	–	·035	·04	–	–	–	·05	·42	–	–	–	29
30	–	✕	·01	–	–	·02	–	·0	–	·24	–	·8	30
31	·005	✕	–	✕	–	✕	–	·025	✕	·24	✕	·13	31
TOTAL	·14 ~~2·255~~ 2·395	·23 ~~1·985~~ 2·075	– ~~1·950~~ 1·72	– 1·640	– ·915	– ·482	3·455	– 1·695	2·205	1·560	·08 ~~·600~~ ·68	~~3·010~~ 2·99	YEAR'S TOTAL ~~23·112~~ 23·112
Days with ·01 in. or more	18 ~~15~~	10	~~15~~ 14	~~10~~ 11	4	6 7	10	8	12 13	18	10 ~~9~~	10 10	~~130~~
Days with ·04 in. or more	13 13	8	12 12	8	5 6	3	10	4	10	10 11	4 ~~3~~	6 ~~7~~	~~98~~ ~~96~~

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

Rcd / 1/1/24 (Corrected as far as entered)

12 JAN 1924

3432

AIR MINISTRY.

FORM 1090 METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1923.

Kept at Carville Boys' School Wallsend

in the County of Northumberland

by Geo. R. Pattison

Lat. 55° Long. 1.32 W.

Time of Observation 9 a.m.

Nearest Railway Station Wallsend

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 2¾ in.

" " " " Sea Level 100 ft.

Not to be printed 29.5.25

Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·04	·20	·2		·05			·03				1
2	·31						·03		·03			·22	2
3								·21	·29				3
4		·02	·12			·19	·02		·10	·21	·06	·12	4
5	·16		·08		·27					·02	·12		5
6		·07	·03			·05		·06	·01		·12	·03	6
7		·18	·14				·08				·02		7
8	·03	·03	·19				·03	·31		·01	·02		8
9	·02			·21	·29		·11			·16		·02	9
10				·61	·15		·41				·12	·12	10
11	·05	·45	·01			·05					·12		11
12		·07		·05				·21			·69	·05	12
13		·10		·14		·15			·08	·06	·07	·01	13
14	·02	·03			·03				·02		·02		14
15		·17			·07		·09				·42		15
16		·39		~~·03~~	·23			·19				·08	16
17					·04					·07	·13		17
18				·02		·09			·30		·13		18
19						·02	·16		·01	·10	·34	–	19
20		·12				·02	·02	·35	·05		·12		20
21	~~·08~~	·04				·02			·08		·07	+ x	21
22	·08	·01		·03	·13	·01	·07	·09	·02	·06		– (1.50)	22
23				·04	·05			·23	·04	·13			23
24				·08	·04		·06		·24	·08	·10	+	24
25		·59							·05	·09		+	25
26		·53		·12					·05	·11	·26	–	26
27		·03	·08		·34			·14			·26	+	27
28	~~·29~~	·19	·13		·05		·36	·07			·15	–	28
29	·29			·16				·14				+	29
30	·01	×	·05	–	·25							–	30 we do not print
31	–	×	·12	×	–	×			×		×	–	31
TOTAL	·94	3.06	1.15	1.70	1.96	·65	1.44	2.00	1.40	1.10	3.34	(2.45) ~~·45~~	(20.92) YEAR'S TOTAL
Days with ·01 in. or more	9	18	11	11	13	10	12	11	16	12	20	(19) ~~18~~	(163)
…with	5	13	~~10~~ 9	9	13	6	8	11	10	10	11	(9) ~~5~~	(120)

OR

FOR OFFICIAL USE. 3257 A

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

County No.
River Dist.
Station No.

Kept at Carville Boys' School Wallsend
in the County of Northumberland
by Geo: Robt: Pattison

Lat. 55°N. Long. 1·32° W.
Time of Observation 9 a.m.
Nearest Railway Station Wallsend
Diameter of Funnel of Rain Gauge 5" in.
Heigh… 1 ft.
…el 100 ft.

6 JAN 1925

THE MORNING … **AY.**

An observer who does not c… of the following year in the space o…

Rec…

Jan. 1, following.

METEOROLOGICAL OFFICE
17 APR 1925
SEALAND, CHESTER.

This record has been checked but the data appear to be quite useless owing to missing readings /

HF Jackson

Date	Jan.	Feb.	March								ov.	Dec.	Date
	in.	in.	in.								in. ·20	in.	
1	-	-	-								·2	-	1 RRW
2	-	-	-								·15	·58 ·58	2
3	-	-	-								-	·04	3 C
4	-	-	-									·3 ·30	4 A.W.R
5	-	-	-									·1 ·10	5
6	-	-	-									-	6
7	-	·01	-									-	7
8	·03	-	-									-	8
9	·04	·10 ·1	-									·13	9
10	-	·14	-									-	10
11	-	·24	-									·01	11
12	·3 ·30	·02	-									-	12
13	·07	-	-									·01	13
14	-	-	-									·02	14
15	-	·05	-									-	15
16	-	·06	-									·23	16
17	·08	·05	-									-	17
18	·16	-	-									-	18
19	·07	-	-									-	19
20	-	-	-				·03	-	·3 ·30	-	-	-	20
21	·74	-	-	-	·09	-	·23	-	·41	-	-	-	21
22	·35	-	-	·08	·03	-	·25	-	·53	-	-	-	22
23	·13	-	·80 ·8	-	·03	-	·1 ·10	-	·08	·16	-	·10 ·1	23
24	-	·10 ·1	·12	·12	-	-	·2 ·20	·2 ·20	-	·3 ·30	-	-	24
25	-	·09	·05	·08	·06	-	·2 ·20	·11	·14	·09	·06	·05	25
26	-	·08	·01	·32	-	-	-	-	-	-	·20 ·2	·05	26
27	-	·15	-	·12	-	-	—	·005	-	-	·06	·10 ·1	27
28	-	·02	-	-	-	-	·5 ·50	·08	·03	-	-	-	28
29	·01	·09	-	·25	-	-	·1 ·10	·05	·1 ·10	-	·04	-	29
30	—	X	-	·01	-	·15	·1 ·10	-	·08	-	-	-	30
31	·07	X	·01	X	*1·41	X	·01	·09	X	·4 ·40	X	·15 ·05	31
TOTAL	1·55	1·20	·99	1·54	3·94	1·45	3·68	1·905	2·53	2·15	·46	1·84	YEAR'S TOTAL
Days with ·01 in. or more.	12	14	5	15	23	8	18	12	16	9	4	14	~~23·55~~ 23·58 ~~153~~ 152
Days with ·04 in. or more	11 10	11	3	9	14	8	14	10	14	8	4	11	~~126~~ 125

* Should be spread over 31st May + 1st June. GRP.

·005 wh

OR

FOR OFFICIAL USE. 3257 A

County No.
River Dist.
Station No.

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

Kept at Carville Boys School Wallsend
in the County of Northumberland
by Geo: Robt: Pattison

Lat. 55° N. Long. 1·32° W.
Time of Observation 9 a.m.
Nearest Railway Station Wallsend
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground ~~1~~ 2 ft.
" " " " Sea Level 100 ft.

6 JAN 1925

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in. ·20	in.	
1	-	-	-	-	·01	-	·12	·07	-	-	·2	-	1 RRW
2	-	-	-	·02	·13	-	·05	·08	-	-	·15	·58 ·58	2
3	-	-	-	-	·13	-	·47	-	-	-	-	·04	3
4	-	-	-	·01	·14	-	·16	-	·04	-	-	·3 ·30	4 a.W.R
5	-	-	-	-	·02	·04	-	-	-	·8 ·80	-	·1 ·10	5
6	-	-	-	-	·34	·2 ·20	-	-	-	·23	-	-	6
7	-	·01	-	-	·10 ·1	-	-	-	·42	-	-	-	7
8	·03	-	-	·003	·21	·4 ·40	-	-	·02	-	-	-	8
9	·04	·10 ·1	-	-	-	-	-	-	·14	·07	-	·13	9
10	-	·14	-	·21	·04	·16	·05	-	-	-	-	-	10
11	-	·24	-	·01	·04	·09	-	-	·04	-	·04	·01	11
12	·3 ·30	·02	-	-	·12	·16	-	·4 ·40	-	-	-	-	12
13	·07	-	-	-	·02	-	-	-	-	·01	-	·01	13
14	-	-	-	·20 ·2	·03	-	-	·63	·06	-	-	·02	14
15	-	·05	-	·01	·06	-	-	-	·08	-	-	-	15
16	-	·06	-	-	-	-	·04	·04	·07	-	-	·23	16
17	·08	·05	-	-	·08	·25	-	·25	-	-	-	-	17
18	·16	-	-	-	·55	-	·85	-	-	·09	-	-	18
19	·07	-	-	·10 ·1	·18	-	·2 ·20	-	-	-	-	-	19
20	-	-	-	-	·06	-	·05	-	·3 ·30	-	-	-	20
21	·74	-	-	-	·09	-	·23	-	·41	-	-	-	21
22	·35	-	-	·08	·03	-	·25	-	·53	-	-	-	22
23	·13	-	·80 ·8	-	·03	-	·1 ·10	-	·08	·16	-	·10 ·1	23
24	-	·10 ·1	·12	·12	-	-	·2 ·20	·2 ·20	-	·3 ·30	-	-	24
25	-	·09	·05	·08	·06	-	·2 ·20	·11	·14	·09	·06	·05	25
26	-	·08	·01	·32	-	-	-	-	-	-	·20 ·2	·05	26
27	-	·15	-	·12	-	-	-	·005	-	-	·06	·10 ·1	27
28	-	·02	-	-	-	-	·5 ·50	·08	·03	-	-	-	28
29	·01	·09	-	·25	-	-	·1 ·10	·05	·1 ·10	-	·04	-	29
30	-	×	-	·01	-	·15	·1 ·10	-	·08	-	-	-	30
31	·07	×	·01	×	*1·41	×	·01	·09	×	·4 ·40	×	·15 ·05	31
TOTAL	1·5~~7~~5	1·20	·99	1·5~~4~~3	3·94	1·45	3·68	1·905	2·53	2·15	·75	1·84	YEAR'S TOTAL 23·5~~5~~8
Days with ·01 in. or more.	12	14	5	15	23	8	18	12	16	9	4	14	~~153~~
Days with ·04 in. or more	11 10	11	3	9	14	8	14	10	14	8	4	11	~~126~~ 125

* Should be spread over 31st May + 1st June. GRP.

·005 wt

REGISTER OF RAINFALL.

INSTRUCTIONS.

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C. 2, or from The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

2. In filling up Form 1090 the following rules should be observed :

(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st ; it is therefore the amount measured on January 2nd.

(b) The raingauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted below.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked ·005 ; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces." An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14\,\Big|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "total number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace."

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. Short notes on exceptional rainfall may be entered below ; also the names and addresses of any observers whose records (it is thought) have not been communicated to the Meteorological Office previously.

In the notes on falls of unusual intensity (exceeding for example ½ inch in 20 minutes or 1 inch in 1 hour) the following details should be stated :

(a) Is it known that the gauge was empty at the beginning of the measured rainfall ?
(b) What note was made of the times of beginning and end of this rainfall ?
(c) When was the measurement made ?

NOTES.

I'm afraid our return may not be very accurate as we do not get it on Saturdays, Sundays and during holidays, but I shall endeavour to make arrangements to take it daily this year.

G.R.P

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Section **A** for the entry of Daily Observations. Corporation WWW RJB **FOR OFFICIAL USE.**

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 3288 A

Register of Rainfall in 1925.

Kept at Caville Sch: Wallsend
in the County of Northumberland
Diameter of Funnel of Gauge ~~4~~ 5" in.
Height of top of Gauge above Ground 1 ft. 3 in.
„ Ground „ Sea Level 100' ft.

record adjusted by reference to [illegible]

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in. ~~·68~~	
1	·11	–	·04	–	·04	·01	–	–	·02	–	– ✗	·08	1
2	·19	·01	·12	·14	Tr.	–	·02	–	Tr.	–	– ✓	·18	2
3	(·80)	–	·15	·09	–	–	–	–	·01	·04	– ✗	·01	3
4	–	–	–	–	·19	–	·02	–	–	·04	– ✗	–	4
5	Tr.	–	–	·24	·21	–	–	–	·02	–	·60 ✓	–	5
6	–	·02	–	(·30)	·01	–	·01	·35	·02	–	·05	–	6
7	–	·02	–	·15	·05	–	·04	–	·09	·02	·01	–	7
8	–	–	·04	·01 ·04	·23	–	Tr.	–	·01	–	–	·22	8
9	–	–	–	·02	·02	–	·06	42 ~~·56~~	·54	–	·22	·01	9
10	–	(·43)	·16	–	–	–	–	·12	·04	–	·22	–	10
11	–	·45	·02	·14	·15	–	–	07 ~~·54~~	·02	Tr.	–	·13	11
12	–	·06	–	–	–	–	–	·11	·02	·06	–	–	12
13	–	·24	–	·06	–	–	–	·02	·02	–	·10	–	13
14	–	·12	·02	·03	–	–	–	–	·01	–	–	·08	14
15	–	·06	–	·06	–	–	–	–	·03	·04	–	·08	15
16	–	·28	·01	·04	–	–	–	–	·14	·09	–	·04	16
17	Tr.	·04	–	–	–	–	–	–	·07	·09	–	·06	17
18	–	·01	–	·46	·05	–	–	–	–	·12	–	·50	18
19	–	·04	·19	–	·14	–	–	–	·71	·40	–	·63	19
20	–	–	·18	–	·03	–	–	–	·03	·06	–	·50	20
21	–	·04	·09	–	–	–	·35	·61	·01	–	–	·58	21
22	–	–	–	·01	–	–	Tr.	·43	·54	·20	·05	–	22
23	·14	·10	·03	–	·27	–	–	(·30) ~~1·2~~	·10	·08	·04	·07	23
24	–	·12	·15	·25	·64	–	–	–	Tr.	·08	·03	–	24
25	–	·18	·13	·25	·26	–	–	–	–	·03	–	·07	25
26	·04	·04	–	·02	·14	–	·36	–	·13	·11	–	·07	26
27	–	–	–	–	·08	–	✗ –	·11	·13	·04	–	·01	27
28	·05	·09	–	·34	·03	–	✗ ·48	–	·01	·14	·10	·02	28
29	·15		–	·24	–	–	·01	–	·03	–	·30	·51	29
30	–	✕	–		·01	–	·01	·02	Tr.	–	·53	·15	663 30
31	–	✕	·24	✕	·01	✕	–	·02	✕	–	✕	·39	~~26·22~~ 31 26·12
TOTAL	·67 ~~·54~~ 1·47	~~2·04~~ 2·44	1·60	~~2·64~~ 2·97	2·62	·01	1·56	~~4·14~~ 2·54	2·48	1·64	2·25	4·21	YEAR'S TOTAL ~~26·12~~
Days with ·01 in. or more.	7 ~~8~~	19	15	19 ~~18~~	19	1 ~~–~~	11 ~~10~~	12	24	14	16 ~~12~~	22	182 ~~174~~
Days with ·04 in. or more.	7 ~~4~~	15 ~~14~~	11	14 ~~13~~	13	0 –	6 ~~5~~	9	10	15	12 ~~10~~	15	127 ~~122~~

(Signed) Geo. R. Pattison [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3288

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1926.

Kept at Carville Boy' School, Wallsend

in the County of Northumberland

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 2¾ in.

" Ground " Sea Level 100. ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·2	·04	–	–	–	–	–	–	·13	·02	·25	·03	1
2	·51	·19	–	–	–	–	–	–	·08	·01	·16	·05	2
3	·1	·01	·12	–	–	–	–	–	–	–	–	·1	3
4	·2	·05	–	–	–	–	–	–	–	–	·21	–	4
5	·25	·26	–	–	·14	–	–	–	·01	·03	·01	–	5
6	–	·24	–	–	·14	–	1·00	·12	–	·01	·04	–	6
7	·5	·24	–	–	–	·09	–	–	–	–	·05	–	7
8	·67	·13	–	–	–	·22	–	–	–	–	·3	–	8
9	–	·05	·23	–	·08	·6	·45	–	–	–	·01	–	9
10	–	·19	–	–	·01	·07	–	·05	–	–	·13	–	10
11	–	·03	–	–	–	–	–	·06	–	·29	·03	–	11
12	–	·19	–	–	·06	–	–	–	–	·42	·09	–	12
13	·01	–	–	–	·05	·15	–	–	–	·20	·09	–	13
14	·01	·22	–	·06	·1	·46	–	·07	–	·02	·1	·2	14
15	·18	·01	–	·02	–	·67	–	·06	–	·06	·13	·03	15
16	–	·03	–	·06	–	·10	–	·06	–	·06	·17	·01	16
17	–	–	–	·03	·03	–	–	·21	–	·07	·01	–	17
18	·44	·02	·03	·01	·03	–	–	–	–	–	·49	–	18
19	·48	·04	·05	·11	–	·03	·2	·01	1·14	–	·02	–	19
20	–	·05	–	–	·04	–	–	·09	–	–	·1	–	20
21	–	·07	–	–	·2	·21	·11	·09	–	·19	·01	–	21
22	–	·02	·19	–	·2	·13	–	–	–	–	·09	–	22
23	–	·25	·05	·14	–	·01	–	–	–	·23	·01	–	23
24	–	–	·02	·14	·2	–	–	–	·02	·23	–	·15	24
25	·2	–	–	–	·76	–	·2	–	–	·17	·18	·10	25
26	·04	·1	–	·05	·2	·13	–	–	·03	–	·1	–	26
27	–	·08	–	·02	·08	–	·1	–	–	–	·08	–	27
28	·07	–	–	·05	·2	–	·14	–	–	·21	·04	–	28
29	·38	–	–	·01	·1	–	–	–	·04	·4	·03	–	29
30	–	×	–	–	·13	–	–	–	–	–	·02	–	30
31	·25	×	–	×	·03	×	–	·15	×	–	×	–	31
													YEAR'S TOTAL
TOTAL	3.89	3.04	·69	·76	2.34	2.84	2.23	·94	1.45	2.62	2.95	·64	24·51
Days with ·01 in. or more.	14	23	4	12	20	13	4	11	4	14	28	8	140
Days with ·04 in. or more.	15	14	5	4	16	11	4	10	4	12	19	5.	128

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed).. [P.T.O.

3272

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1924.

Kept at CARVILLE BOYS' SCHOOL, WALLSEND-on-TYNE

in the County of NORTHUMBERLAND.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 2¾ in.

„ Ground „ Sea Level 100 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·03	·06	–	·22	·1	·1	·005	·02	–	·21	–	1
2	–	·01	·02	–	·19	–	·02	–	–	–	·18	–	2
3	–	·01	·06	–	–		–	–		–	·04	–	3
4	–	–		·39	·42		·01	–	·01	–	–	–	4
5	–	·15	·23	·1	·04	·21	1·08			–	–	–	5
6	–	–		–	–		·71	·8	·1	–	·06	–	6
7	·15	·18	·15	·01	–		–		·01	–	·61	–	7
8	·1	·005	·05	·04	–	·28	·01	1·68	·02	–	·01	·02	8
9	–	–	·01	–	–	–	–	·12		–	·24	·01	9
10	·04	–	·06	–	–	–	–	·02	·3	·01	·1		10
11	·04			·28	–	–	·01	·01		–	·5	·13	11
12	·03	·01	·10	·08	–	–	–		·01	–	–		12
13	·13			·05		–	–	1·24	·03	–	–	·05	13
14	–	–	·01	·07	·40	–	–		·06	·03	·07	·06	14
15	·07	Tr:	–	·01		–	–	Tr:	–	–	·11	1·19	15
16	–	–	–	–	·11	·22	–	–		–	–	·25	16
17	–	–	–	–	·01	–	–	·75	·13	·01	–		17
18	·03		–	·04	–	·14	–			·03	·44	·06	18
19	–	·02	–	·02	–	–	–	·23	·14	·04	–		19
20	·12		–	–		·02	·01		·99	·04	–	–	20
21	–	·05	–	–	·16	–	·64	·13	·85	·01	·14	–	21
22	·05	·01	·2	–		·03	–	·6	·5	–	·06	·68	22
23	–	–	·08	–	·15	·33	1·26	·06		–	·14	·65	23
24	–	–	·1	–	·14	·07	·06	Tr:	·14	·07	–	–	24
25	102			·15	·01	·84	·05			·04	–	–	25
26	·33	·15	·3	·58	–	·09	·32	·26	·13	·07	–	–	26
27	·14			·005		·11	–		–	·12	–	1·16	27
28	–	·07	–	·01	·02	–	–	Tr	·5	–	·02	–	28
29	·18	–	·15	·25		·01		·03	–	–	·02	–	29
30	–	×	·03	–	–	1·24	·03	–	–	–	–	–	30
31	–	×	–	×	·06	×		–	×	·14	×	–	31
TOTAL	1·38	70 ·695	1·61	1·995	1·9	3·72	4·31	4 5·935	3·94	·61	2·98	4·26	YEAR'S TOTAL 33·365
Days with ·01 in. or more.	~~14~~	~~12~~	~~16~~	~~15~~	~~13~~	~~14~~	~~14~~	~~14~~	~~14~~	~~12~~	~~17~~	~~11~~	~~169~~
Days with ·04 in. or more.	~~4~~	~~5~~	~~12~~	~~10~~	~~9~~	~~11~~	~~8~~	~~10~~	~~11~~	~~4~~	~~14~~	~~9~~	~~113~~

33·37

(Signed) Geo. T. Pattison

[P.T.O.

40-12-1-27
144w)

Please consult this list first. SAO

3357

Section **A** for the entry of Daily Observations.

FORM 1090.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1928.

Kept at CARVILLE BOYS' SCH: WALLSEND
in the County of NORTHUMBERLAND
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 1 ft. 2¾ in.
„ Ground „ Sea Level 100 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·13	·01	1·4	–	–	·13	–	·06	–	·17	–	1
2	·24	·04	·14	·1	·01	–	–	–	–	–		–	2
3	–	·08	–	·02	·2	–	–	–	·08	–	·36	–	3
4	–	·07	–	–	·26	–	·2	–	–	–		·03	4
5	·04	–	·2	–	–	–	·03	–	–	–	·26	·03	5
6	·08	·04	–	–	–	–	–	–	·13	–	·01	·04	6
7	–	–	·03	–	–	–	·03	·31	–	·49	·03	–	7
8	–	–	·03	–	–	·29	–	·14	·12	–	·03	–	8
9	·07	–	·08	–	–		–	·02	–	–		–	9
10	–	·07	–	–	–	·55	–		·25	·25	·26	·01	10
11	·07	–	–	–	–	–	–	·34	–	1·12		·35	11
12	–	·42	·24	–	–	·03	–		–		–	·02	12
13	–		·39	–	1·4	1·44	–	–	–		–	·02	13
14	–	·16	·13	–	·05	·45	–	–	–	Holiday	·05	–	14
15	–	·01	·01	–	·01		–	·01	·04		–	–	15
16	·16	·01	–	·43	·19	·33	–	–	–			·38	16
17	·2	·18	–	·03	–		–	–	·03	·44	·64	–	17
18	·63	–	–	–	–	·13	–	·14	–			·05	18
19	–	–	·1	·02	·48	·07	–	–	·02		·32	·03	19
20	–	–	·06	1·2	·05	–	–	–	–	Holiday	·12	–	20
21	–	–	–	·22	·04	·09	–	·65	–		–	–	21
22	–	–	–		·04		–	·21	–		·43	–	22
23	·9	·02	·05	·04	–	–	–	·05	·02	–		·04	23
24	·15	–	–	–	–	·02	–	·24	·09	–	·14	·05	24
25	·2	–	–	–	–	·18	–	–	·05	–		·32	25
26	·12	–	·2	–	–	·06	·09	·04	–	–	–	–	26
27	·11	–	·03	–	·05	–		·01	–		–	–	27
28		·01	·04	–	–	·13	·14	·12		·19	–	·05	28
29	·65	–	–	–	–	·2		·45	·09		·08		29
30		X	·45	–	–		–	–	–	·08	–	–	30
31		X	–	X	·01	X	–	·05	X	–	X	–	31
TOTAL	3·65	1·24	2·13	3·46	2·79	3·94	·62	3·11	·98	2·54	2·93	1·42	YEAR'S TOTAL 28·90
Days with ·01 in. or more.	16	13	14	9	13	14	4	15	12	X	16	14	146
Days with ·04 in. or more.	14	10	11	6	9	12	4	12	9	X	12	8	107

40-9999 Owing to a combination of circumstances the record may not be as accurate as usual.

(Signed) Geo R Pattison

[P.T.O.

Please consult other list first. G.R.P.

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 192 .

Kept at CARVILLE Boys' SCHOOL, WALLSEND

in the County of NORTHUMBERLAND.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 2¾ in.

" Ground " Sea Level 100+ ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·13	·01	1·4	—	—	·13	—	·06	—	·14	—	1
2	·2 ~~4~~	·04	·14	·1	·01	—	—	—	—	—		—	2
3	—	·08	—	·02	·2	—	—	—	·08	—	·36	—	3
4	—	·07	—	—	·26	—	·2	—	—	—		·03	4
5	·04	—	·2	—	—	—	·03	—	—	—	·26	·03	5
6	·08	·07	—	—	—	—	—	—	·13	—	·01	·04	6
7	—	—	·03	—	—	—	·03	·31	—	·49	·03	—	7
8	—	—	·02	—	—	·29	—	·14	·12	—	·03	—	8
9	·07	—	·03	—	—		—	·02	—	—		—	9
10	—	·07	—	—	—	·35	—		·28	·25	·26	·01	10
11	·07		—	—	—	—	—	·37	—	1·12		·35	11
12	~~·4~~	·42	·24	—	—	·03	—		—	Holiday.	—	·02	12
13	~~2~~		·39	—	1·14	1·44	—		—		—	·02	13
14	~~7~~	·16	·13	—	·05	·45	—	—	—		·05	—	14
15	—	·01	·01	—	·01		—	·01	·04		—	—	15
16	·16	·01	—	·43	·19	·33	—	—	—			·38	16
17	·2	·18	—	·03	—		—	—	·03	·44	·67	—	17
18	·63	—	—	—	—	·13	—	·14	—	Holiday.		·05	18
19	—	—	·1	·02	·48	·07	—	—	·02		·32	·03	19
20	—	—	·06	1·2	·05	—	—	—	—		·12	—	20
21	—	—	—	·22	·04	·09	—	·65	—		—	—	21
22	—	—	—		·04	—	—	·21	—		·13	—	22
23	·9	·02	·05	·01	—	—	—	·05	·02	—		·04	23
24	·15	—	—	—	—	·02	—	·44	·09	—	·14	·05	24
25	·2	—	—	—	—	·18	—	—	·05	—		·32	25
26	·12	—	·2	—	—	·06	·09	·04	—	—	—	—	26
27	·11	—	·03	—	·05	—		·01	—	·19	—	—	27
28		·01	·04	—	—	·13	·14	·12	—		—	·05	28
29	·65	—	—	—	—			·75	·09		·08	—	29
30		×	·45 ~~·45~~	—	—	·2	—	—	—	·08	—	—	30
31	—	×	—	×	·01	×	—	·05	×	—	×	—	31 ·90
TOTAL	3·65	1·24	2·13	3·46	2·49	3·95	·62	3·11	·98	2·54	2·93	1·42	YEAR'S TOTAL 28·90
Days with ·01 in. or more.	16	13	14	9	13	14	4	15	12	×	16	14	146
Days with ·04 in. or more.	14	10	11	6	9	12	4	12	9	×	12	8	104

40-9999 I must apologise for a few errors, and I am afraid owing to a combination of circumstances, the records may not be as accurate as usual.

(Signed) Geo. R. Pattison [P.T.O.

3439

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Carville Boys' Co: School, Wallsend

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 2¾ in.

,, Ground ,, Sea Level 100-200 ft.

Dec. about 1" too high

July & Aug. adjusted

Dec 6-8 corr. by [illegible] obsr concur J. 697986/26

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–				–	·26	–		·2	·06			1
2	·03	·23	·02	*	–	·04	·02	~~2·46~~	–	·01	·03	·04	2
3	·04					–	·01	(1·21)	·14	·		·09	3
4	–	–	·01	·42	·15	–	·02		·2	·31	·06	·04	4
5		–	–			·2	·46		·05		·03	·14	5
6	·34	–	–		·24	·1			–	·22	·03	·40	6
7		–	–		·01	–	·35		–	·2	·1	~~1·6~~	7
8	·01		–	·01	–	–			–	·01	–		8
9	·33	·2	–	·02	–	–	·02	·X·	–	–	·21	·01	9
10	·14		–	·03		·5	·04		–	–	·21	·33	10
11		–	·01	–	·08	–	·09		–	–	·04	·02	11
12	·15	·06	–			·32	·02		·05	·06	·03	·02	12
13		–	–	·04	·04	·06	–		–	–	–	–	13
14	·09		–		–	–	–		–	–	–	–	14
15	·04	·05	–	·01	·08	·03	–		–	–		–	15
16	·02		–	–	–	–	–		·02	–	·29	–	16
17	·02	–	–	–	–	–	–		–	–		–	17
18		–	–	–	–	–	–		–	–	–	–	18
19	·01	·08	–		–	–		·01	–	–	·26	·01	19
20		–	·04	·07	–	–		·1	–	·02	·02	–	20
21	–		·41		–	–		·23	–	–	–		21
22	·01	·12	–	·04	–	–		·12	–	·04			22
23	·01		–	·06	–	–			–	·21	·13		23
24	·06	·05	–	–	–	–		·1	–				24
25		·05	–	–	·09	–			–	·16	·34		25
26	·24	·05	–		–	–		·23	–		–	2·1	26
27		·05	–	1·	–	–		–	–	–	·05		27
28	·18	·05	–		–	–	·X·	·5	·06	–	·09	·X·	28
29	·38	–	–	·01	–	–			–	·05			29
30	·01	×	–	–	–	–			·05	·34	·4		30
31	·03	×	–	×	·36	×	1·25		×	·06	×		31
TOTAL	2·14	·94	·49	1·41	1·08	1·59	~~1·03~~ (2·28)	~~3·15~~ (2·50)	·44	1·48	2·32	3·20 ~~4·10~~	YEAR'S TOTAL 20·75 ~~21·95~~
Days with ·01 in. or more.	15	11	5	14	9				8	14	14		
Days with ·04 in. or more.	11	10	3	9	4				4	11	14		

Prior will 'd'

40-9999

·X· Holidays.

(Signed) .... [P.T.O.

3509

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at CARVILLE BOYS' SCHOOL, WALLSEND.

in the County of NORTHUMBERLAND.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3 in.

" Ground " Sea Level 100 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·25	–	·17	–	·08	–	·53	–	–	·84	Tr:	1
2	–	–	–	·19		Tr.	–	·63	–	–		–	2
3	–	·08	–	Tr:	·07	–	–	·3	·01		·1	Tr:	3
4	–	–	–			–		–	·12	·55	–	Tr:	4
5	–	·34	·01	·22	·62	–	·03	Tr:			–		5
6	–	–	·06		·79	–		·47	·2	·04	–	·19	6
7	·15	·27		–	·11	–	·03	–		·03	–	–	7
8	·03	–	·2	·07		–	–	·08	–	·35	–	–	8
9	·08	·03		·19	·29	·03	–	–	·19	–	–	–	9
10		–	·05	Tr:		Tr:	·08	·24	·16	–	–	–	10
11	·87	–	·03		·04	–			·05	·15	–	·45	11
12		–	·02	·04	·19	–	·29				–		12
13	·36	–	·03		Tr:	–		·78	·31	Tr:	–	·27	13
14	·44			Tr:	–	–	·1			Tr:			14
15	–	·03	·99	·02		–	·07		–	–	·33	–	15
16	Tr:			Tr:	·04	·08	·32		·02	·03		·02	16
17		Tr:	·2	·05		·15	Tr:	–	·47	·04	–	–	17
18	Tr:	–	·17	·04	–	Tr:	Tr:	Tr:	·03		·42	–	18
19		–	–		–	·11		–		·11	·02		19
20	–	–	·06	·21	–	·05	1·09	·14	·52		·28		20
21	·01				–	·13		·41		–			21
22	·03	·03	Tr.	–	–	–	1.	·13	Tr:	·05	·58		22
23	Tr:			·08		·07	·27		–	·05			23
24		·07	–	·2	·1	–	·03	·05	–	–	·18	1·6	24
25	·66	·06	–	Tr:		–	–		·03	–	·08		25
26		·03	–	·09	–	–	·02	–		–	Tr:		26
27	–	–	Tr:		–	·02	·09	·14	·39	–	–		27
28	–	–		·02	–	Tr:	·29	–		Tr:	–		28
29	Tr:		·02	Tr:	–	–	–	·01	·03	Tr: ·05	·04		29
30	–	×		–	–	·05	–	1·	·05	–			30
31	·5	×	·05	×	–	×	–	–	×	–	×		31
TOTAL	3·13	1·19	1·89	1·59	1·15	·77	3·71	4·91	2·58	1·45	2·9	2·53	YEAR'S TOTAL 27·8
*Days with ·01 in. or more.													—
*Days with ·04 in. or more.													—

Not possible owing to days being forced at work early.

40-9999

(Signed) Geo. R. Pattison [P.T.O.

*See Instruction 2 (*f*) on other side.

Section **A** for the entry of Daily (

FOR OFFICIAL USE.

3292

3569

FORM 1090. METEOROLOGICA ANIZATION.

Reg

Kept at *Whittle Des*

in the County of *Northun*

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

„ Ground „ Sea Le

ested to read the instructions filling in this form.

should fill in section C

WHITTLE DENE FILTERS

NEWCASTLE - W.W

1926 - 1930

THE MORNING MEAS **VIOUS DAY.**

An observer who does not conform *January 1st of the following year in the space on the r*

Records take

Jan. 1, following.

Date	Jan.	Feb.	March	April	May				pt.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·08	·01	-	-	-	-	-	-	·10	·20	·24	·03	1
2	·03	·06	-	-	-	-	-	·01	·07	-	·18	·02	2
3	·28	-	·20	-	-	-	-	-	-	-	-	-	3
4	·01	·06	·07	-	-	-	-	-	-	-	·04	-	4
5	-	·15	·05	-	·08	-	-	·41	-	·03	·03	·13	5
6	·03	·33	-	-	·11	-	·92	·04	-	·15	·09	·01	6
7	·13	·19	-	-	·05	·12	·01	-	·03	-	-	-	7
8	·02	·17	-	-	-	-	-	-	·17	·18	·16	-	8
9	-	·10	·28	-	·26	·48	·02	·02	·05	·12	-	-	9
10	-	·03	·01	-	·08	·05	-	·08	-	·03	·17	-	10
11	-	·01	-	-	·05	·01	-	·12	·05	·06	·14	-	11
12	-	-	-	-	·01	·22	-	·10	·05	·48	-	-	12
13	·05	-	-	-	·08	·03	-	·01	·01	·33	·09	·16	13
14	·15	·44	-	·04	·01	·35	-	·01	·23	·08	·12	·03	14
15	·13	·14	-	·04	·01	·55	-	·79	-	-	·04	·01	15
16	-	·03	-	-	·02	·34	-	·06	·05	·06	·16	-	16
17	·06	·06	·02	·04	·02	·09	-	-	-	-	-	·03	17
18	·17	·03	-	-	-	-	1·38	·30	-	-	·38	-	18
19	-	·15	·04	·08	·14	-	·18	·02	1·35	-	·01	·01	19
20	-	·16	·01	-	·27	·06	·03	·21	·39	-	·15	·01	20
21	-	·26	·16	·12	·51	·04	·08	·06	-	·21	-	-	21
22	·16	·02	·02	·07	-	·16	·01	·05	-	·29	·11	·01	22
23	-	·01	·03	-	-	·38	·14	·03	·04	-	-	-	23
24	·03	-	-	·09	·23	-	·28	-	·07	·33	-	·09	24
25	·04	-	-	·21	·03	-	-	-	·02	·32	·29	·04	25
26	-	·20	·01	·12	·70	-	·01	-	·26	-	·14	-	26
27	-	·04	-	·07	·04	·35	·03	-	-	-	-	·01	27
28	·34	-	-	·04	·12	·08	·33	-	-	·34	·17	-	28
29	·14		·01	·02	·15	-	-	-	-	·08	·20	-	29
30	-	X	-	·02	·01	·10	-	·08	·06	-	·03	-	30
31	·07	X	·07	X	·01	X	-	-	X	-	X	-	31
TOTAL	1·92	2·65	·98	·96	2·99	3·41	3·42	2·40	3·00	3·29	2·94	·59	YEAR'S TOTAL 28·55
Days with ·01 in. or more.	18	22	14	13	23	17	13	18	17	17	21	14	207
Days with ·04 in. or more.	13	15	7	11	15	15	7	12	14	15	18	14	146

(Signed) Arthur Hardcastle

Section **A** for the entry of Daily -20° 0

FOR OFFICIAL USE.

3292

3569

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1926.

Kept at Whittle Dene Filters

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1 in.

„ Ground „ Sea Level 353 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·08	·01	-	-	-	-	-	-	·10	·20	·24	·03	1
2	·03	·06	-	-	-	-	-	·01	·07	-	·18	·02	2
3	·28	-	·20	-	-	-	-	-	-	-	-	-	3
4	·01	·06	·07	-	-	-	-	-	-	-	·04	-	4
5	-	·15	·05	-	·08	-	-	·41	-	·03	·03	·13	5
6	·03	·33	-	-	·11	-	·92	·04	-	·15	·09	·01	6
7	·13	·19	-	-	·05	·12	·01	-	·03	-	-	-	7
8	·02	·17	-	-	-	-	-	-	·17	·18	·16	-	8
9	-	·10	·28	-	·26	·48	·02	·02	·05	·12	-	-	9
10	-	·03	·01	-	·08	·05	-	·08	-	·03	·17	-	10
11	-	·01	-	-	·05	·01	-	·12	·05	·06	·14	-	11
12	-	-	-	-	·01	·22	-	·10	·05	·48	-	-	12
13	·05	-	-	-	·08	·03	-	·01	·01	·33	·09	·16	13
14	·15	·44	-	·04	·01	·35	-	·01	·23	·08	·12	·03	14
15	·13	·14	-	·04	·01	·55	-	·79	-	-	·04	·01	15
16	-	·03	-	-	·02	·34	-	·06	·05	·06	·16	-	16
17	·06	·06	·02	·04	·02	·09	-	-	-	-	-	·03	17
18	·17	·03	-	-	-	-	1·38	·30	-	-	·38	-	18
19	-	·15	·04	·08	·14	-	·18	·02	1·35	-	·01	·01	19
20	-	·16	·01	-	·27	·06	·03	·21	·39	-	·15	·01	20
21	-	·26	·16	·12	·51	·04	·08	·06	-	·21	-	-	21
22	·16	·02	·02	·07	-	·16	·01	·05	-	·29	·11	·01	22
23	-	·01	·03	-	-	·38	·14	·03	·04	-	-	-	23
24	·03	-	-	·09	·23	-	·28	-	·07	·33	-	·09	24
25	·04	-	-	·21	·03	-	-	-	02	·32	·29	·04	25
26	-	·20	·01	·12	·70	-	·01	-	·26	-	·14	-	26
27	-	·04	-	·07	·04	·35	·03	-	-	-	-	·01	27
28	·34	-	-	·04	·12	·08	·33	-	-	·34	·17	-	28
29	·14		·01	·02	·15	-	-	-	-	·08	·20	-	29
30	-	X	-	·02	·01	·10	-	·08	·06	-	·03	-	30
31	·07	X	·07	X	·01	X	-	-	X	-	X	-	31
TOTAL	1·92	2·65	·98	·96	2·99	3·41	3·42	2·40	3·00	3·29	2·94	·59	YEAR'S TOTAL 28·55
Days with ·01 in. or more.	18	22	14	13	23	17	13	18	17	17	21	14	207
Days with ·04 in. or more.	13	15	7	11	15	15	7	12	14	15	18	4	146

(Signed) Arthur Hardcastle.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3276

3569

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1927.

Kept at Whittle Dene Filters

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1 in.

" Ground " Sea Level 353 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	–	·12	·01	·07	·03	·02	–	·14	·30	–	1
2	·01	–	·02	·24	·20	–	–	–	–	–	·18	–	2
3	·02	–	·08	–	–	·04	–	–	–	–	·02	–	3
4	·07	–	·03	·10	·57	·07	·03	–	–	–	·06	–	4
5	·03	·07	·43	–	–	·03	·70	–	·08	–	·12	–	5
6	·02	·02	·06	·07	–	·12	·08	·65	·21	–	·02	–	6
7	·01	·10	·15	·03	–	–	·47	·01	–	–	·58	·02	7
8	·33	–	·11	–	–	·14	·01	1·48	–	–	–	·01	8
9	·01	–	–	·38	–	·01	–	·36	–	–	·12	–	9
10	–	–	·07	·08	–	–	–	·02	·09	–	–	·02	10
11	·04	–	·15	·08	–	–	·01	·01	–	–	·27	·05	11
12	·05	–	·02	–	–	–	·01	–	–	–	·02	·05	12
13	·12	–	–	·10	·16	–	–	·35	·11	·10	–	·02	13
14	·04	–	–	·05	·12	–	–	·18	·13	·04	·02	·60	14
15	–	–	–	–	·01	–	–	·16	–	·03	·16	·42	15
16	–	–	–	–	·16	·25	–	·06	·04	·03	–	–	16
17	·01	–	–	–	–	·01	–	–	·21	·07	–	·03	17
18	·02	–	–	–	–	·06	–	·28	–	·06	·08	·18	18
19	–	–	–	–	–	–	–	·12	·12	·10	·60	·14	19
20	·05	–	–	–	·10	·02	·07	·17	1·20	–	·10	–	20
21	·05	·02	·03	–	·08	–	·46	·26	·91	·26	·18	·50	21
22	–	·01	·18	·11	–	·05	·72	·20	·50	·23	·02	·49	22
23	·01	·02	·14	·03	·06	·42	–	·18	–	·01	·14	·21	23
24	–	·01	·10	·08	·04	·07	–	·15	·05	·04	·02	·19	24
25	·05	·05	·60	·34	–	·90	·03	–	·01	·07	–	·20	25
26	·22	·08	·08	–	–	·06	·16	·01	·36	·11	–	·03	26
27	·10	·02	·04	·02	·01	·05	·20	·21	–	·01	–	·09	27
28	·17	·09	·01	·03	–	·02	–	·09	·02	·20	·01	·01	28
29	·11		·11	–	–	–	–	–	·24	·01	·01	–	29
30	·01	×	·02	·08	–	1·65	·03	·06	·02	–	–	–	30
31	–	×	–	×	·13	×	–	·01	×	–	×	–	31
													YEAR'S TOTAL
TOTAL	1·55	·49	2·43	1·94	1·65	4·04	3·01	5·04	4·30	1·51	3·03	3·26	32·25
Days with ·01 in. or more.	23	11	20	17	13	19	15	23	17	17	21	19	215
Days with ·04 in. or more.	12	5	14	13	10	14	8	17	14	12	13	12	144

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) Arthur Hardcastle.

[P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE. 3360

3569

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Whittle Dene Filters

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1 in.

„ Ground „ Sea Level 353 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·10	·18	·16	·10	·02	–	·11	–	·01	–	·07	–	1
2	–	·08	·13	–	·01	–	–	–	–	–	·37	–	2
3	–	–	·02	–	·10	–	–	–	·04	–	·08	–	3
4	·12	·12	·16	–	–	–	·38	–	–	–	·02	·03	4
5	·10	–	·02	·02	–	–	·02	–	·16	·30	·13	·04	5
6	·04	–	–	–	–	–	·02	·19	–	–	·03	·08	6
7	·10	·03	·02	–	–	·24	–	·10	–	·50	–	–	7
8	–	·05	·03	–	–	·31	–	·27	·09	–	·01	–	8
9	·06	·25	·15	–	–	·14	–	·05	·09	·50	–	–	9
10	·06	·21	·20	·11	–	–	–	–	·15	·17	·05	–	10
11	–	·05	·25	·07	·01	·04	–	·60	–	·78	·24	·36	11
12	·04	–	·50	·03	–	·04	–	·04	–	·02	·01	·02	12
13	·05	·20	·06	·03	·14	1·60	–	·06	–	–	·02	·01	13
14	·25	·03	·02	–	–	·35	–	–	·01	·18	·14	·10	14
15	·04	·08	–	·01	·23	·08	–	·05	·03	·05	–	·18	15
16	·03	·19	·01	·01	·02	·03	–	·16	·01	·03	·50	·05	16
17	·02	–	·08	–	·03	·36	–	–	·02	–	–	–	17
18	·43	–	·01	·02	·20	·15	–	–	–	·04	–	·05	18
19	–	–	·04	·01	·25	·15	–	·08	·08	·07	·42	–	19
20	·02	–	·02	·17	·01	–	–	·60	–	·08	·09	–	20
21	·04	–	–	–	–	·11	–	·01	·01	·02	·04	·02	21
22	–	·01	·02	·02	·03	·03	–	·03	–	–	·13	·04	22
23	·05	–	·02	·05	·01	·05	–	·23	–	–	·13	·01	23
24	·15	–	·05	–	–	·03	–	·16	·10	·05	·12	·09	24
25	·11	–	·02	–	–	·10	–	·03	·01	·03	·04	·03	25
26	·05	–	·05	–	·12	·02	·86	·40	–	·13	–	–	26
27	·08	–	·01	–	·05	–	·08	·25	–	·01	–	–	27
28	·33	–	–	–	·03	–	·09	–	·06	–	–	·04	28
29	·25	·02	·42	–	–	·03	·20	·18	–	·12	–	·07	29
30	–	✕	–	·10	·02	·04	–	·01	–	·04	–	·62	30
31	·26	✕	·10	✕	·01	✕	–	·09	✕	·23	✕	·15	31
Total	2·78	1·50	2·57	·75	1·29	3·90	1·76	3·59	·87	3·35	2·64	1·99	Year's Total 26·99
Days with ·01 in. or more.	24	14	26	14	18	20	8	21	15	20	20	19	219
Days with ·04 in. or more.	21	10	14	6	7	15	6	17	8	15	15	13	144

40-12-1-27
144w)

(Signed) Arthur Hardcastle.

P.T.O.

3442

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

3569

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Whittle Dene Filters

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1 in.

" Ground " Sea Level 353 ft.

days - 8

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·08	·10	–	–	–	·17	·05	·01	–	·09	·01	·01	1
2	·03	·01	–	·01	–	·04	–	·24	–	·03	·01	·02	2
3	·02	–	·02	–	–	·18	·15	·20	·16	–	–	·02	3
4	·08	·01	–	·30	·01	·02	1·10	·54	·01	·02	·05	·18	4
5	·05	–	–	–	·03	·31	·23	·18	–	·21	·03	·03	5
6	·08	–	–	–	·30	·12	·01	·81	–	·02	–	·16	6
7	·03	–	–	·01	·02	·02	·01	·02	–	·19	·17	·03	7
8	–	·14	–	–	·03	–	·02	·03	–	·33	·03	·15	8
9	·38	·01	–	·05	–	–	·02	–	–	·01	·65	·07	9
10	·08	·02	–	·01	·09	·03	–	·09	–	·01	·02	·28	10
11	·01	–	–	–	·06	–	·02	·03	–	–	·05	·11	11
12	·02	–	–	–	·01	·25	–	–	·01	–	·07	·03	12
13	·05	–	–	·05	·04	·04	–	·24	–	–	–	·01	13
14	·08	·05	–	·01	·04	·01	–	–	–	–	–	–	14
15	·18	·17	–	–	·16	·03	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	·22	–	–	·08	–	16
17	–	–	–	–	–	–	–	·06	–	–	·11	·02	17
18	–	–	–	–	–	–	–	–	–	·01	·17	–	18
19	–	–	–	·12	–	–	–	–	·06	–	·01	–	19
20	–	–	·01	–	–	–	–	·01	·02	·03	–	·10	20
21	–	·03	·15	–	–	·11	·05	·12	–	·01	–	·02	21
22	·02	·03	–	·08	–	–	·44	·15	–	–	–	·10	22
23	·03	·10	–	·06	–	–	–	·02	–	·44	·11	·33	23
24	·12	·15	–	–	·10	–	–	·10	–	·12	·04	·45	24
25	·04	·04	–	–	–	–	–	–	–	–	·29	·23	25
26	·03	–	–	·30	–	–	–	–	–	·01	·01	·01	26
27	·17	·01	–	·43	–	–	·01	·15	–	·06	·04	·03	27
28	·09	–	–	·22	–	–	·23	·04	·63	·09	·16	·34	28
29	·27	–	–	·02	–	–	·01	·01	·03	·04	·04	·04	29
30	·01	✕	–	·02	–	–	·24	·01	·12	·04	·17	–	30
31	·04	✕	·13	✕	–	✕	·58	–	✕	–	✕	–	31
TOTAL	1·99	·87	·31	1·69	·89	1·33	3·17	3·28	1·04	1·76	2·32	2·77	YEAR'S TOTAL 21·42
Days with ·01 in. or more.	24	14	4	15	12	13	16	22	8	19	22	24	193
Days with ·04 in. or more.	15	7	2	9	7	8	9	14	4	10	15	13	113

40-9999

(Signed) Arthur Hardcastle. [P.T.O.

3512

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 3569

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Whittle Dene Filters

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 1 in.

,, Ground ,, Sea Level 353 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·16	·49	·01	·14	-	·01	·06	·51	-	·01	·28	-	1
2	·09	·09	-	·19	-	-	-	·43	-	-	·29	-	2
3	·02	·03	-	·03	·01	-	·05	·06	·01	·49	·07	-	3
4	·08	·21	·02	·03	·05	-	·04	1·00	·10	·15	-	-	4
5	·02	·23	·09	-	·02	-	-	·02	-	·02	-	-	5
6	-	·18	·04	·12	·04	-	-	-	·19	·08	-	-	6
7	·10	·02	-	·01	·21	-	-	-	·12	·09	·02	·30	7
8	·04	× ·02	-	·09	·13	-	-	·02	-	·47	·02	·02	8
9	·04	× ·01	·11	·22	·03	·08	-	·22	·20	·01	-	·01	9
10	·16	-	·12	-	·10	·02	·02	·07	·05	-	-	·01	10
11	× ·05	-	·03	·03	·02	-	-	-	·04	·21	-	·27	11
12	× ·35	-	·02	·01	·08	-	-	·38	·03	·02	-	·17	12
13	·42	-	·01	·02	·18	-	·26	·13	·10	-	-	·02	13
14	·52	·03	·05	·17	·01	-	·03	-	·02	-	·35	·20	14
15	-	-	·17	·02	·03	-	·02	-	-	·21	·10	-	15
16	·02	-	·59	-	-	·03	·53	-	-	·08	-	-	16
17	-	-	·16	·03	·13	·18	·17	·08	·45	·02	-	-	17
18	-	-	·07	·09	·02	·01	·06	-	·08	-	·45	-	18
19	-	-	-	·27	-	·17	·48	·38	·22	·06	·05	-	19
20	-	-	·07	·13	·01	·07	·93	·43	·14	-	·21	-	20
21	·01	-	·22	-	·01	·08	·42	·13	·01	·08	·22	·01	21
22	·07	·06	-	-	-	-	1·50	-	·01	·11	·25	-	22
23	·01	·01	-	·03	·05	·35	·10	-	-	-	·02	·03	23
24	·13	× ·05	-	·17	-	·02	·02	·04	·01	·01	·32	-	24
25	-	× ·08	-	·02	·01	·01	-	·01	-	-	·05	·07	25
26	·50	·02	-	·03	-	-	-	·18	·33	-	-	·24	26
27	·14	-	·02	·05	·02	·02	·03	·01	·10	-	-	·09	27
28	·01	-	-	·02	-	-	·03	-	·02	-	·07	·09	28
29	-	-	·06	-	-	-	·91	1·57	·09	·08	·04	·18	29
30	-	×	·02	-	-	·06	·01	·33	·03	-	-	·42	30
31	·23	×	·11	×	-	×	-	·01	×	·20	×	·02	31
TOTAL	3·17	1·53	1·99	1·92	1·16	1·11	5·67	6·01	2·24	2·40	2·81	2·15	YEAR'S TOTAL 32·16
Days with ·01 in. or more.	22	15	20	23	20	14	20	21	22	19	17	17	230
Days with ·04 in. or more.	16	8	13	11	9	4	13	16	14	13	14	10	144

40-9999

× Melted snow

(Signed) Arthur [illegible]

P.T.O.

Section **A** for the entry of D

FOR OFFICIAL USE.

For 1090. METEOROLOG ORGANIZATION. 3291

R 26.

Kept at Whittle D

in the County of Northu

requested to read the instructions fore filling in this form.

Diameter of Funnel of Gauge

Height of top of Gauge above Gr

„ Ground „ Sea

erver should fill in section C

WHITTLE DENE RES.

NEWCASTLE W.W.

1926 - 1930

THE MORNING ME PREVIOUS DAY.

An observer who does not conf e on January 1st of the following year in the space on th

Records t 091.

Jan. 1, following.

Date	Jan.	Feb.	March						Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.					in.	in.	in.	in.	
1	·05	·01	-	·01	-	-	-	-	·12	·21	·17	·03	1
2	·03	·07	-	-	-	-	-	·03	·07	-	·20	·01	2
3	·28	-	·25	-	-	-	-	-	-	-	-	-	3
4	-	·06	·10	-	·01	-	-	-	-	-	·04	-	4
5	·01	·14	·04	-	·06	-	·02	·36	-	·03	·02	·13	5
6	·03	·33	·01	-	·10	-	·75	·07	-	·15	·07	·01	6
7	·14	·23	-	-	·03	·14	·01	-	·04	·01	·02	-	7
8	·02	·20	·01	·01	-	·01	-	-	·17	·14	·14	-	8
9	-	·10	·50	-	·27	·43	·02	·03	·06	·12	-	-	9
10	-	·03	·01	-	·17	·07	-	·10	-	·02	·12	-	10
11	-	·01	-	-	·06	·01	-	·15	·03	·07	·11	-	11
12	-	-	-	-	·04	·28	-	·10	·06	·50	-	-	12
13	·04	·01	-	-	·06	·02	-	·03	·01	·35	·08	·12	13
14	·12	·40	-	·06	-	·30	-	·07	·25	·08	·06	·03	14
15	·14	·08	-	·03	-	·60	-	·80	-	-	·05	-	15
16	·02	·04	-	-	·02	·32	-	·09	·06	·06	·16	-	16
17	·05	·05	·03	·05	·03	·16	-	-	-	-	-	·03	17
18	·17	·03	·02	-	-	-	1·20	·28	-	-	·42	-	18
19	-	·17	·07	·07	·05	-	·18	·03	1·40	-	·01	·01	19
20	-	·20	·03	·02	·28	·07	·04	·20	·32	-	·13	·01	20
21	·01	·20	·12	·25	·66	·06	·10	·07	-	·21	-	·01	21
22	·16	·02	·03	·07	-	·19	·02	·04	-	·25	·10	·01	22
23	·01	·01	·01	·01	·01	·42	·16	·03	·04	-	-	-	23
24	·04	-	-	·08	·25	·02	·30	-	·05	·25	-	·06	24
25	·06	-	-	·12	·03	-	-	-	·03	·27	·30	·01	25
26	-	·20	·01	·16	·70	-	·02	-	·27	-	·15	-	26
27	·01	·04	-	·08	·04	·38	·02	-	-	-	·01	·01	27
28	·33	-	-	·05	·14	·14	·32	-	-	·25	·16	-	28
29	·08		·01	·02	·13	-	-	-	-	·05	·26	-	29
30	-	X	·01	·02	·02	·15	-	·06	·07	-	·04	-	30
31	·05	X	·06	X	·03	X	-	-	X	-	X	-	31
TOTAL	1·85	2·63	1·32	1·11	3·19	3·77	3·16	2·54	3·05	3·02	2·82	·48	YEAR'S TOTAL 28·94
Days with ·01 in. or more.	22	23	18	17	23	19	14	18	17	18	23	14	226
Days with ·04 in. or more.	14	16	7	10	15	15	8	13	14	15	19	13	149

(Signed) Arthur J. Hardcastle [P.T.O.

Section **A** for the entry of D

FOR OFFICIAL USE.

3291

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1926.

Kept at Whittle Dene

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 6 in.

" Ground " Sea Level 380 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·05	·01	-	·01	-	-	-	-	·12	·21	·17	·03	1
2	·03	·07	-	-	-	-	-	·03	·07	-	·20	·01	2
3	·28	-	·25	-	-	-	-	-	-	-	-	-	3
4	-	·06	·10	-	·01	-	-	-	-	-	·04	-	4
5	·01	·14	·04	-	·06	-	·02	·36	-	·03	·02	·13	5
6	·03	·33	·01	-	·10	-	·75	·07	-	·15	·07	·01	6
7	·14	·23	-	-	·03	·14	·01	-	·04	·01	·02	-	7
8	·02	·20	·01	·01	-	·01	-	-	·17	·14	·14	-	8
9	-	·10	·50	-	·27	·43	·02	·03	·06	·12	-	-	9
10	-	·03	·01	-	·17	·07	-	·10	-	·02	·12	-	10
11	-	·01	-	-	·06	·01	-	·15	·03	·07	·11	-	11
12	-	-	-	-	·04	·28	-	·10	·06	·50	-	-	12
13	·04	·01	-	-	·06	·02	-	·03	·01	·35	·08	·12	13
14	·12	·40	-	·06	-	·30	-	·07	·25	·08	·06	·03	14
15	·14	·08	-	·03	-	·60	-	·80	-	-	·05	-	15
16	·02	·04	-	-	·02	·32	-	·09	·06	·06	·16	-	16
17	·05	·05	·03	·05	·03	·16	-	-	-	-	-	·03	17
18	·17	·03	·02	-	-	-	1·20	·28	-	-	·42	-	18
19	-	·17	·07	·07	·05	-	·18	·03	1·40	-	·01	·01	19
20	-	·20	·03	·02	·28	·07	·04	·20	·32	-	·13	·01	20
21	·01	·20	·12	·25	·66	·06	·10	·07	-	·21	-	·01	21
22	·16	·02	·03	·07	-	·19	·02	·04	-	·25	·10	·01	22
23	·01	·01	·01	·01	·01	·42	·16	·03	·04	-	-	-	23
24	·04	-	-	·08	·25	·02	·30	-	·05	·25	-	·06	24
25	·06	-	-	·12	·03	-	-	-	·03	·27	·30	·01	25
26	-	·20	·01	·16	·70	-	·02	-	·27	-	·15	-	26
27	·01	·04	-	·08	·04	·38	·02	-	-	-	·01	·01	27
28	·33	-	-	·05	·14	·14	·32	-	-	·25	·16	-	28
29	·08		·01	·02	·13	-	-	-	-	·05	·26	-	29
30	-	X	·01	·02	·02	·15	-	·06	·07	-	·04	-	30
31	·05	X	·06	X	·03	X	-	-	X	-	X	-	31
TOTAL	1·85	2·63	1·32	1·11	3·19	3·77	3·16	2·54	3·05	3·02	2·82	·48	YEAR'S TOTAL 28·94
Days with ·01 in. or more.	22	23	18	17	23	19	14	18	17	18	23	14	226
Days with ·04 in, or more.	14	16	7	10	15	15	8	13	14	15	19	13	149

(Signed) Arthur J Hardcastle [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3277

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1927.

Kept at Whittle Dene

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 6 in.

" Ground " Sea Level 380 ft.

(days)

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	·01	·17	-	·03	·04	-	-	·15	·30	-	1
2	·01	-	·02	·21	·18	-	-	-	-	-	·21	-	2
3	·01	-	·07	-	-	·02	·01	-	-	-	·03	-	3
4	·05	-	·02	·09	·60	·07	·03	-	-	-	·05	-	4
5	·03	·06	·37	-	·01	·02	·70	-	·07	-	·11	-	5
6	·02	·02	·07	·05	·01	·11	·05	·68	·22	-	·02	-	6
7	·01	·09	·15	·03	-	·01	·45	·01	-	-	·40	·02	7
8	·26	-	·09	·01	-	·18	·01	1·65	·01	·02	·01	·01	8
9	·01	-	-	·33	-	·01	-	·60	-	-	·10	-	9
10	-	-	·05	·07	-	-	-	·02	·07	-	-	·02	10
11	·03	-	·19	·06	-	-	-	·01	·01	-	·25	·06	11
12	·05	-	·02	·01	-	-	-	-	-	-	·01	·05	12
13	·11	-	-	·10	·16	-	-	·37	·09	·12	-	·02	13
14	·04	-	-	·05	·11	-	-	·20	·15	·04	·02	·95	14
15	-	-	-	-	·01	-	-	·22	-	·03	·16	·35	15
16	-	-	-	-	·18	·25	-	·05	·04	·04	·01	·02	16
17	-	-	-	-	-	·02	-	-	·18	·05	-	·02	17
18	·02	-	-	-	-	·04	-	·27	·01	·05	·09	·19	18
19	-	-	-	-	-	-	-	·11	·15	·11	·60	·16	19
20	·11	-	-	-	·08	·02	·08	·21	1·25	-	·10	·04	20
21	-	·03	·02	-	·04	-	·63	·30	·90	·29	·20	·45	21
22	-	·01	·17	·11	-	·06	·65	·15	·50	·21	·02	·51	22
23	·01	·01	·14	·03	·05	·40	-	·17	-	-	·16	·20	23
24	-	-	·09	·08	·03	·08	-	·25	·04	·03	·02	·22	24
25	·05	·06	·65	·36	-	·83	·04	-	·01	·06	-	·25	25
26	·20	·06	·07	-	-	·02	·25	-	·33	·12	-	·10	26
27	·15	·02	·06	·02	·01	·08	·24	·24	-	·01	-	·03	27
28	·17	·11	-	·03	-	·02	-	·06	·02	·20	-	·02	28
29	·13		·11	-	-	-	-	-	·27	·01	·03	-	29
30	·01	X	·02	·06	-	1·50	·03	·07	·04	-	-	-	30
31	-	X	-	X	·14	X	-	·01	X	-	X	-	31
													YEAR'S TOTAL
TOTAL	1.48	·47	2·39	1·87	1.61	3·77	3·21	5.65	4·36	1·54	2·90	3·69	32·94
Days with ·01 in. or more.	21	10	20	19	14	20	14	21	20	17	22	21	219
Days with ·04 in. or more.	11	5	14	13	9	11	10	17	15	12	13	13	143

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) Arthur J Hardcastle

[P.T.O.

3361

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Whittle Dene Reservoirs

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 6 in.

,, Ground ,, Sea Level 380 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·10	·22	·13	·10	·01	-	·10	-	·01	-	·05	-	1
2	-	·08	·14	-	-	-	-	-	-	-	·32	-	2
3	·01	-	·01	-	·10	-	-	-	·02	-	·08	-	3
4	·12	·13	·20	·01	-	-	·40	-	-	-	·02	·03	4
5	·11	·02	·01	·01	-	-	·04	-	·18	·31	·14	·03	5
6	·05	-	·01	-	-	-	·01	·19	-	-	·02	·10	6
7	·14	·04	·02	-	-	·25	-	·13	-	·48	-	-	7
8	·01	·06	·03	-	-	·30	-	·25	·08	-	-	-	8
9	·06	·30	·12	-	-	·12	-	·05	·10	·25	-	-	9
10	·07	·25	·26	·13	-	-	-	-	·13	·18	·04	-	10
11	·01	·03	·30	·06	·01	·05	-	·75	-	·76	·24	·40	11
12	·03	-	·53	·03	-	·03	-	·03	-	-	·01	·03	12
13	·05	·24	·06	·03	·08	1·52	-	·06	-	-	·02	-	13
14	·25	·03	·01	-	-	·30	-	·01	·01	·22	·15	·08	14
15	·05	·08	-	·01	·16	·09	-	·07	·02	·05	·01	·24	15
16	·02	·25	-	-	·03	·03	-	·17	-	·04	·48	·01	16
17	·02	-	·05	·01	·03	·35	-	-	·02	-	-	-	17
18	·42	·01	·01	-	·18	·17	-	-	-	·05	-	·04	18
19	·01	-	·03	·01	·25	·25	-	·08	·08	·05	·42	-	19
20	·02	-	·01	·13	-	-	-	·66	-	·12	·10	-	20
21	·03	-	-	-	-	·11	-	·01	·01	·02	·05	·02	21
22	-	·01	·03	·02	·03	·02	-	·01	-	-	·14	·04	22
23	·07	-	·02	·03	-	·07	-	·21	-	-	·20	-	23
24	·16	·01	·03	-	-	·03	-	·14	·05	·06	·14	·08	24
25	·12	-	·01	-	-	·13	-	·04	-	·02	·04	·02	25
26	·06	·01	·05	-	·12	·02	·85	·41	-	·13	-	-	26
27	·06	·01	-	-	·04	-	·14	·21	-	·01	-	-	27
28	·33	-	-	-	·03	·01	·10	-	·06	-	-	·05	28
29	·26	·02	·45	-	-	·02	·20	·32	-	·12	-	·20	29
30	·01	✗	-	·10	·01	·02	-	·01	-	·02	-	·50	30
31	·20	✗	·06	✗	-	✗	-	·08	✗	·22	✗	·04	31
TOTAL	2·85	1·80	2·58	·68	1·08	3·89	1·84	3·89	·77	3·11	2·67	1·91	YEAR'S TOTAL 27·07
Days with ·01 in. or more.	29	19	25	14	14	21	8	22	13	19	20	17	221
Days with ·04 in. or more.	19	10	12	5	7	13	7	17	7	15	15	11	138

40-12-1-27
144w)

(Signed) Arthur Hardcastle.

[P.T.O.

3443

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Whittle Dene Reservoirs

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 6 in.

" Ground " Sea Level 380 ft.

days

- 9/.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·06	·10	-	-	-	·17	·05	-	-	·08	-	·01	1
2	·02	·01	-	·01	-	·05	-	·25	-	·04	·02	·02	2
3	·03	-	·02	-	-	·18	·15	·05	·14	-	-	·01	3
4	·06	-	-	·30	·01	·03	1·28	·56	-	·02	·05	·18	4
5	·05	-	-	-	·01	·32	·24	·22	-	·20	·04	·02	5
6	·10	-	-	-	·28	·12	-	·83	-	·02	-	·13	6
7	-	-	-	·01	·02	·02	·01	·04	-	·20	·17	·02	7
8	-	·10	-	-	·02	-	·02	·02	-	·34	·03	·17	8
9	·40	-	-	·04	-	-	·02	-	-	-	·65	·10	9
10	·08	·03	-	-	·08	·04	-	·10	-	·01	·03	·28	10
11	-	-	-	-	·06	-	·02	-	-	-	·05	·11	11
12	·02	-	-	-	·01	·23	-	-	·01	-	·05	·04	12
13	·01	-	-	·06	·02	·04	-	·25	-	-	-	·01	13
14	·10	·07	-	·01	·06	-	-	-	-	-	-	-	14
15	·16	·16	-	-	·10	·03	-	-	-	-	-	-	15
16	-	-	-	-	-	·01	-	·24	-	-	·06	-	16
17	-	-	-	·02	-	-	-	·12	-	-	·13	-	17
18	-	-	·02	-	-	-	-	-	-	·01	·14	-	18
19	-	-	-	·10	-	·01	-	-	·05	-	·01	-	19
20	-	-	·01	-	-	-	-	·01	·02	·03	-	·15	20
21	-	·02	·13	-	-	·11	·06	·13	-	-	-	·04	21
22	-	·03	-	·08	-	-	·45	·13	-	-	-	·04	22
23	·07	·08	-	·04	-	-	-	·02	-	·45	·14	·34	23
24	·03	·17	-	-	·10	·01	-	·10	-	·11	·03	·55	24
25	·04	·05	-	-	-	-	-	-	-	-	·28	·30	25
26	-	·01	-	·33	-	-	-	-	-	-	-	·01	26
27	·13	-	-	·49	-	-	·02	·15	-	·04	·03	·03	27
28	·14	-	-	·24	-	-	·24	·03	·68	·10	·18	·38	28
29	·27	-	-	·01	-	-	-	·01	·02	·04	·03	·05	29
30	·01	×	-	·01	-	-	·23	-	·15	·05	·18	-	30
31	·03	×	·12	×	-	×	·54	-	×	-	×	·01	31
													YEAR'S TOTAL
TOTAL	1·81	·83	·30	1·75	·77	1·37	3·33	3·26	1·07	1·74	2·30	3·00	21·53
Days with ·01 in. or more.	20	12	5	15	12	15	14	19	7	16	20	24	179
Days with ·04 in. or more.	13	7	2	9	6	9	9	14	4	11	13	15	112

40-9999

(Signed) Arthur Hardcastle.

[P.T.O.

3513

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Whittle Dene Reservoirs

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 6 in.

,, Ground ,, Sea Level 380 ft.

Lafs ✓

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·20	·75	·01	·14	-	·01	·04	·50	-	·01	·27	-	1
2	·10	·12	-	·19	-	-	-	·37	-	-	·22	-	2
3	·01	·03	-	·06	·01	-	·10	·05	·01	·44	·06	-	3
4	·08	·15	·01	·04	·05	-	·05	·03	·10	·15	-	-	4
5	·02	·15	·08	-	·02	-	-	·01	-	·02	-	-	5
6	-	·16	·04	·06	·03	-	-	-	·21	·10	·01	·02	6
7	·13	-	-	-	·16	-	-	-	·12	·11	·02	·29	7
8	·05	× ·03	-	·09	·12	-	-	·01	-	·53	·03	·02	8
9	·05	-	·09	·21	·03	·09	-	·21	·16	-	-	-	9
10	·12	-	·11	-	·10	·03	·03	·05	·04	-	-	·02	10
11	× ·06	-	·03	·03	·02	-	-	-	·03	·21	-	·27	11
12	× ·35	-	·04	·01	·09	-	-	·32	·02	·02	-	·18	12
13	·41	-	·01	·02	·21	-	·27	·12	·12	-	-	·01	13
14	·48	·03	·06	·06	·01	-	·04	-	·02	·01	·32	·20	14
15	-	-	·21	·01	·03	-	·02	-	-	·21	·08	-	15
16	·01	-	·41	-	-	·03	·60	-	·01	·08	-	·01	16
17	-	-	·14	·04	·15	·16	·18	·08	·52	·01	-	-	17
18	-	-	·07	·05	·03	·01	·08	·01	·13	-	·51	-	18
19	-	-	-	·20	-	·21	·56	·45	·21	·06	·03	-	19
20	-	-	·20	·13	-	·05	·80	·43	·13	-	·30	-	20
21	-	-	·13	-	-	·09	·35	·13	-	·08	·26	-	21
22	·06	·06	-	-	-	-	1·36	-	·01	·11	·25	-	22
23	-	·01	-	·03	·05	·32	·05	-	-	·01	·01	·03	23
24	·12	× ·06	-	·13	-	-	·01	·03	·02	-	·32	·01	24
25	-	× ·07	-	·02	-	·02	-	·01	-	-	·06	·07	25
26	·46	·01	-	·03	-	-	-	·23	·20	-	·01	·28	26
27	·12	-	·01	·07	·02	·02	·02	-	·06	-	-	·08	27
28	-	-	-	·02	-	·01	·05	-	·02	·01	·06	·07	28
29	-	-	·04	-	-	-	1·40	1·40	·10	·09	·03	·18	29
30	-	×	·02	-	-	·24	-	·40	·03	·01	-	·48	30
31	·32	×	·10	×	-	×	-	-	×	·18	×	·05	31
TOTAL	3·15	1·63	1·81	1·64	1·13	1·29	6·01	5·44	2·27	2·45	2·85	2·27	YEAR'S TOTAL 31·94
Days with ·01 in. or more.	19	13	20	22	17	14	19	20	22	21	19	18	224
Days with ·04 in. or more.	16	8	14	14	8	7	15	15	13	13	12	11	146

40-9999 × Melted Snow.

(Signed) Arthur J. Hardcastle. [P.T.O.

3388

Section **A** for the entry of

AIR MINIST

ALL ORGANIZATION.

FOR OFFICIAL USE.

FORM 1090.

REG

1928.

WOOLER VICTORIA HOUSE

1928. 1930

Kept at Victoria Ho

in the County of Northu

Diameter of Funnel of Gauge......

Height of top of Gauge above Gr

„ Ground „ Sea

THE MORNING ME **VIOUS DAY.**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		06	20				11		07		18		1
2		32	15	05							70		2
3		16		08					02		40		3
4			20	05	05		07				10		4
5	15		25				01	08	13	05			5
6	17		02				03	03					6
7	08	08	02			05		03	07	15	01	10	7
8			08			10			07	13	01		8
9	15		30			42			14			02	9
10	38	45	10	12		47				51			10
11	06	08		12		04		51					11
12		16	80	05	06	02		04	02			26	12
13			04			1-27		30					13
14	08		34	08		30					21	35	14
15	10	30	03	10	21	30		25		07			15
16	06	18		10	04	01				10	45	07	16
17	05		12	02	28	39							17
18	80		02	05	12	10			10	41	02		18
19			07	18		60		21		50			19
20	06			32				65		16	10		20
21	06					04		26					21
22						01			01	10	41	12	22
23	10							11		25	45		23
24	11								25				24
25	23					27		07	08				25
26					16	3-4	44	40	08	30			26
27	18						20	15					27
28				01	04	07	13	26				30	28
29		06	100	01			05			15		31	29
30	32	×	10	10		08	04			10			30
31	44	×	05	×		×			×	24	×	30	30.59 31
													YEAR'S TOTAL
TOTAL	3-58	1-75	3-89	1-44	96	4-91	1-08	3-65	1-14	3-22	3-04	1-93	~~30-6~~
Days with ·01 in. or more.	19	10	19	16	8	19	9	15	12	15	12	9	163
Days with ·04 in. or more.	19	10	15	13	8	16	7	13	9	15	9	8	142

40-12-1-27
144w)

(Signed) Elizabeth M. Dodds

[P.T.O.

3388

Section A for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1928.

Kept at Victoria House Wooler
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
" Ground " Sea Level 176 ft.

dofro

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		06	20				11		07		18		1
2		32	15	05							70		2
3		16		08					02		40		3
4			20	05	05		07				10		4
5	15		25				01	08	13	05			5
6	17		02				03	03					6
7	08	08	02			05		03	07	15	01	10	7
8			08			10			07	13	01		8
9	15		30			42			14			02	9
10	38	45	10	12		47				51			10
11	06	08		12		04		51					11
12		16	80	05	06	02		04	02			26	12
13			04			1-27		30					13
14	08		34	08		30					21	35	14
15	10	30	03	10	21	30		25		07			15
16	06	08		10	04	01				10	45	17	16
17	05		12	02	28	39							17
18	80		02	05	12	10			10	41	02		18
19			07	18		60		21		50			19
20	06			32				65		16	10		20
21	06					04		26					21
22						01			01	10	41	12	22
23	10							11		25	45		23
24	11								25				24
25	23					27		07	08				25
26					16	37	44	70	08	30			26
27	18						20	15					27
28				01	04	07	13	26				30	28
29		06	100	01			05			15		31	29
30	32	×	10	10		08	04			10			30
31	44	×	05	×		×			×	24	×	30	30·59 31
													YEAR'S TOTAL
TOTAL	3-58	1-75	3-89	1-44	96	4-91	1-08	3-65	1-14	3-22	3-04	1-93	~~30-6~~
Days with ·01 in. or more.	19	10	19	16	8	19	9	15	12	15	12	9	163
Days with ·04 in. or more.	19	10	15	13	8	16	7	13	9	15	9	8	142

40-12-1-27
144w)

(Signed) Elizabeth M. Dodds

[P.T.O.

3470

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Victoria House Wooler

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

„ Ground „ Sea Level 176 ft.

Mar ½ high [illegible]
Aug 1 .. low [illegible] days
year: 2 ..

Aug & year corr for amts
Obst notified

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		02				10	51	04		21	04	02	1
2	10	11				05		26		05		24	2
3					11		01			08		14	3
4	04			25	08	15	125	85		08		11	4
5	04					05	05	02	05	20		30	5
6					39	59	20	126		53		49	6
7	10			05	11	24				48	13	05	7
8							01			11	11	55	8
9	24					01					46		9
10			50				04	26				16	10
11	04					24		01			25	38	11
12					06	10							12
13					~~10~~			36				04	13
14					02								14
15					05	10							15
16	25			01		01		18			20		16
17								29			46		17
18	01	32									42		18
19				16							10	04	19
20									01	15		28	20
21		32			01	04	24	10				04	21
22	25						30					0	22
23		36		05		10				25	15	5	23
24						02					02	34	24
25										02	26	82	25
26		25		11								22	26
27		25		26			32	13		15	10	02	27
28	35	05		35			04	05	12	05	10	60	28
29								04		20	02		29
30		×					25	01	04	10	52	15	30 26·46
31		×	10	×		×	85		×		×		31
													YEAR'S TOTAL
TOTAL Days with ·01 in. or more.	10	8	2	8	9	14	13	15	4	15	16	21	~~135~~
Days with ·04 in. or more.	9	7	2	7	7	11	11	12	3	14	14	19	~~116~~
	1·54	1·68	·60	1·24	·93	1·48	3·17	~~2·99~~ 3·89	·22	2·66	3·67	5·08	~~25·58~~ 26·46

40-9999

(Signed) Elizabeth M Dodds

P.T.O.

3541

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Victoria House Wooler

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft in.

,, Ground ,, Sea Level 176 ft.

Do not notify correction

BA

da

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	10	79		33		02	01	67			52		1
2		15						38			70		2
3		10						08		18	10		3
4	10	15			07		14	42					4
5		22	18	12				05					5
6		04	08	22				13	08	22		21	6
7	08			09	15			10	40	41	11		7
8				20	20			03		53			8
9					27	07		02	10				9
10	10						15			01			10
11	40								34				11
12	21		06	06				24				77	12
13	15			15			24	05	10				13
14	28		10				23		30	02	45	16	14
15			30		10					26		07	15
16			100				25			04			16
17	02		20	08		27	89	03	79	04			17
18				10	05		10	05			35		18
19				05		03		46	43	12	07		19
20	02			15		04		73	13		45		20
21						18		03	05	06	35		21
22	05	18		07		04	157		01	04	36		22
23				20	15	03	20	12		04			23
24		09				06	05				42	07	24
25		05		02			20	05			10	62	25
26	50	07		08					15				26
27						06		30					27
28						03			07			60	28
29			10						15		17		29
30	43	×				30		71	07	03		19	30
31		×		×		×			×	05	×		31
TOTAL	2-4~~X~~ 4	1-84	2 02	1-92	99	1-13	4-03	4-65	3-17	2-05	4-15	2·69 ~~3-06~~	YEAR'S TOTAL 31·08 ~~[illegible]~~
Days with ·01 in. or more.	13	10	8	15	7	12	12	20	15	15	13	8	~~148~~
Days with ·04 in. or more.	11	10	8	14	7	8	11	16	14	12	13	8.	132

Small d

40-9999

(Signed) Elizabeth M Dodds [P.T.O.

3279

13 JAN 1925

FORM 1090 METEOROLO ANIZATION.
(formerly B.R.O. Form A.1)

3595.

WOOPERTON

1924 – 30

Kept at Wooperton ... a m ... Wooperton

in the County of Nor ... n Gauge 5 in.

by Jas. Blackburn ... ve Ground ft. 1½ in.

Sea Level ft.

IMPORTANT NOTE ... ntered to the previous day.

If an Observer prefers not ... ested to add the reading at 9 a.m. on 1 ... at the end of this paragraph. Full instructions for the measurement of rain, ... rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	**Jan.**	**Feb.**	**March**	**April**	**May**	**June**	**July**	**August**	**Sept.**	**Oct.**	**Nov.**	**Dec.**	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		[illegible]						0·15			0·1		— — 1
2		- -			0·09	0·60	0·12	0·10			0·10	0·30	Wd. 2
3		- -			0·10		0·70				0·15	0·2	3
4		- -			0·33							0·70	4
5		- -			0·07	0·5		0·14		2·04		0·14	5
6		- -			0·47	0·3	0·15			0·31			6
7		- -			0·32	0·21	0·15		0·70				7
8		- -			0·60	0·62						0·5	8
9		- -			0·21	0·3			0·54	0·10			9
10		0·22			0·23	0·5	0·10		0·2				10
11		0·12		0·12		0·63				0·3			11
12		0·12			005	0·20			0·5				12
13				0·18								0·8	13
14													14
15		0·18				0·7			0·2			0·36	15
16				0·05 0·5	0·07			0·10	0·6	0·2			16
17								0·60			0·10		17
18					0·15	0·7	0·30						18
19					0·10		0,22		0·64	0·15			19
20		0·10			0 07		0·40	0·5	0·27				20
21				0·05 0·5	0·30		0·7			0·5	0·4		21
22			0·28				0·4	0·32	0·28			0·26	22
23			0·38		003				0·3		0·12	0·2	23
24			0·12	0·21	0·03		0·15	0·24				0·8	24
25		0·15	0.04	0·24	0·11		0·5				0·4		25
26				0·43	003						0·20	0·28	26
27		0·10							0·3	0·60	0·13	0·9	27
28				0·33	0·3		0·85	0·14		0·8	0·16	[illegible]	28
29						0·12	0·21			0·3		0·43	29
30		X			0·13		0·31		0·26	0.23		0·14	30
31		X		X	1·50	X	0·5		X	0·15	X	0·4	31 (29·36)
TOTAL	(1·80)	0·99	~~0·88~~ 0·82	1·61	~~3·93~~ 5·02	2·68	3·87	1·84	2·90	3·79	1·05	2·99	YEAR'S TOTAL ~~26·53~~
Days with ·01 in. or more	(15)	~~8~~ 7	~~7~~ 4	8	~~4~~ 22	~~10~~ 12	16	9	~~4~~ 12	~~3~~ 12	~~1~~ 10	~~2~~ 15	~~76~~ ~~72~~
Days with ·04 in. or more	(10)	7	4	8	18	10	16	9	8	9	9	13	~~71~~ –

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

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FORM 1090 METEOROLO ANIZATION.

(formerly B.R.O. Form A.1).

REGISTER OF RAINFALL IN 1924.

3279

A

13 JAN 1925

Kept at Woolperton

in the County of Northumberland

by Jas. Blackburn for Mrs Burdon

Lat. .... Long. ....

Time of Observation 9 a.m.

Nearest Railway Station Woolperton

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground ...... ft. 19½ in.

" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		[illegible]						0·15			0·1		1
2		..			0·09	0·60	0·12	0·10			0·10	0·30	2
3		..			0·10		0·70				0·15	0·2	3
4		..			0·33							0·70	4
5		..			0·07	0·5		0·14		2·04		0·14	5
6		..			0·47	0·3	0·15			0·31			6
7		..			0·32	0·21	0·15		0·70				7
8		..			0·60	0·62						0·5	8
9		..			0·21	0·3			0·54	0·10			9
10		0·22			0·23	0·5	0·10		0·2				10
11		0·12		0·12		0·63				0·3			11
12		0·12			0·05	0·20			0·5				12
13				0·18								0·8	13
14													14
15		0·18				0·7			0·2			0·36	15
16				0·05 0·5	0·07			0·10	0·6	0·2			16
17								0·60			0·10		17
18					0·15	0·7	0·30						18
19					0·10		0·22		0·64	0·15			19
20		0·10			0·07		0·40	0·5	0·27				20
21				0·05 0·5	0·30		0·7			0·5	0·4		21
22			0·28				0·4	0·32	0·28			0·26	22
23			0·38		0·03				0·3		0·12	0·2	23
24			0·12	0·21	0·03		0·15	0·24				0·8	24
25		0·15	0·04	0·24	0·11		0·5				0·4		25
26				0·43	0·03						0·20	0·28	26
27		0·10							0·3	0·60	0·13	0·9	27
28				0·33	0·3		0·85	0·14		0·8	0·16	[illegible]	28
29						0·12	0·21			0·3		0·43	29
30		✕			0·13		0·31		0·26	0.23		0·14	30
31		✕		✕	1·50	✕	0·5		✕	0·15	✕	0·4	31 (29·36) YEAR'S TOTAL
TOTAL	(1·80)	0·99	~~0·88~~ 0·82	1·61	~~3·93~~ 5·02	2·68	3·87	1·84	2·90	3·79	1·05	2·99	~~26·53~~
Days with ·01 in. or more	(15)	~~8~~ 7	~~7~~ 4	8	~~4~~ 22	~~10~~ 12	16	9	~~4~~ 12	~~3~~ 12	~~1~~ 10	~~2~~ 15	~~76~~
Days with ·04 in. or more	(10)	7	4	8	18	10	16	9	8	9	9	13	~~111~~

121

(65,296). Wt.21,625—6780. 7000. 11/21. Gp.132. A.&E.W.

Section **A** for the entry of Daily Observations. Col for auth. W ✓ ✓ RJB **FOR OFFICIAL USE.**

3317

FORM 1090.

AIR MINISTRY.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.

Kept at Wooperton

in the County of Northumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 7½ in.

" Ground " Sea Level ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	
1	·92	·00	·73	·00	·00	·00	·12	·50	·00	·00	·18	·02	1
2	·22	·00	·08	·28	·00	·02	·05	·00	·08	·00	·05	·00	2
3	·00	·03	·03	·00	·00	·00	·00	·02	·00	·22	·29	·00	3
4	·00	·00	·00	·00	·38	·00	·00	·00	·16	·00	·06	·00	4
5	·00	·07	·00	·32	·21	·00	·00	·02	·04	·00	·01	·00	5
6	·28	·00	·00	·25	·02	·10	·14	·06	·00	·10	·17	·00	6
7	·00	·00	·00	·43	·05	·00	·00	·00	·18	·09	·22	·00	7
8	·05	·31	·02	·04	·10	·00	·00	·50	·06	·00	·51	·15	8
9	·01	·14	·00	·03	·00	·00	·00	·00	1·70	·00	·00	·23	9
10	·00	·31	·10	·00	·04	·00	·00	·02	·04	·00	·50	·02	10
11	·00	·23	·09	·00	·02	·00	·00	·00	·14	·03	·00	·20	11
12	·00	·08	·00	·13	·02	·00	·00	·00	·00	·05	·00	·00	12
13	·10	·09	·00	·00	·04	·00	·00	·08	·00	·05	·00	·00	13
14	·00	·80	·08	·15	·00	·00	·00	·02	·04	·00	·00	·36	14
15	·00	·96	·00	·10	·00	·00	·00	·00	·08	·17	·00	·00	15
16	·00	·34	·08	·05	·00	·00	·00	·00	·00	·00	·00	·17	16
17	·01	·40	·00	·18	·00	·00	·00	·00	·09	·00	·00	·15	17
18	·00	·02	·00	·37	·00	·00	·00	·00	·00	·08	·00	·00	18
19	·00	·18	·25	·00	·00	·00	·00	·00	·60	·17	·00	·29	19
20	·00	·00	·25	·00	·00	·00	·31	·05	·00	·34	·00	·50	20
21	·00	·00	·10	·23	·00	·00	·00	·05	·02	·04	·00	·00	21
22	·00	·08	·00	·00	·00	·00	·00	·00	1·10	·28	·00	·00	22
23	·00	·02	·00	·04	·00	·00	·05	·56	·18	·00	·04	·00	23
24	·13	·28	·08	·00	1·36	·00	·02	·16	·00	·00	·00	·00	24
25	·00	·22	·15	·10	·05	·00	·48	·01	·50	·02	·00	·00	25
26	·11	·20	·00	·26	·20	·00	·14	·06	·06	·28	·00	·90	26
27	·00	·30	·00	·00	·23	·00	·28	·00	·00	·03	·00	·00	27
28	·08	·45	·00	·09	·07	·00	·01	·00	·00	·08	·00	·04	28
29	·44	×	·00	·25	·40	·00	·05	·00	·00	·10	·22	·38	29
30	·02	×	·00	·46	·05	·00	·11	·00	·00	·00	·50	·47	30 884
31	·04	×	·21	×	·12	×	·00	·00	×	·00	×	·01	31
TOTAL	2·41	5·51	2·25	3·46	3·36	·12	1·76	2·11 ~~2·09~~	5·07	2·13	2·75.	3·89	34·82 YEAR'S TOTAL ~~34·80~~
Days with ·01 in. or more.	14 ~~13~~	21	14	19	17	2	12	14	17	17	12	15	174 ~~173~~
Days with ·04 in. or more.	10	18	12	18	14	1	10	9	16	14	11	12	145.

for Mrs Burdon Wooperton (Signed) James Blackburn [P.T.O.]

observer

√√√ whl

FOR OFFICIAL USE.

3317

County No.
River Dist.
Station No.

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1926.

Kept at Wooperton
in the County of Northumberland
by Mrs A E Burdon
Observer :- J. Blackburn.

Lat. Long.
Time of Observation 9·0 a.m
Nearest Railway Station Wooperton
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 7 in.
" " " " Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. —

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·11	—	—	—	—	—	—	—	—	·33	·26	·03	1
2	—	·32	—	—	—	—	—	—	—	—	1·70	·09	2
3	·35	—	·17	—	—	—	—	—	—	—	—	—	3
4	—	·05	—	—	·08	—	—	—	—	—	·29	—	4
5	·10	·34	—	—	·13	—	·05	·24	—	·04	·08	·15	5
6	·13	·41	—	—	·06	—	·74	—	·04	·09	·02	—	6
7	·18	·29	—	—	·04	·05	·09	·50	—	·02	—	—	7
8	·15	·14	—	—	—	—	—	—	·05	·51	—	—	8
9	—	·05	·29	—	·15	·40	·09	—	·11	·35	—	—	9
10	—	·09	—	—	·11	·40	—	·34	—	—	·16	—	10
11	—	·02	—	—	·04	·19	—	·05	—	·04	·10	—	11
12	—	·06	—	—	·12	·39	—	—	·18	·60	·02	—	12
13	—	·05	—	—	·28	·07	—	—	·06	·04	·30	·25	13
14	·02	·09	—	·13	·02	1·06	—	—	·50	—	·07	·04	14
15	·17	·07	—	·17	·02	·39	—	·35	·02	—	·03	—	15
16	·33	·20	—	·11	·02	·60	—	·05	—	·19	·22	—	16
17	·03	—	·12	—	—	·02	—	—	—	—	—	—	17
18	·13	—	—	·02	—	—	·86	·22	—	—	·64	—	18
19	·20	·09	·30	·11	—	·12	1·54	·13	—	—	·02	—	19
20	—	—	—	—	·17	—	—	·43	·42	—	·20	—	20
21	—	·26	—	·04	·11	—	·17	·04	1·50	·23	·02	·08	21
22	·41	—	·09	·07	—	·31	—	—	—	·20	·47	—	22
23	·24	—	·07	—	—	·15	·07	·06	·05	—	·02	—	23
24	·05	—	—	·09	·08	—	·13	—	—	·22	·02	—	24
25	·18	—	—	·18	·03	—	—	—	·10	1·48	·22	·08	25
26	·02	·20	—	·60	·45	·04	—	—	·32	—	·12	—	26
27	·04	·13	—	·10	—	·09	·19	—	—	—	·07	—	27
28	·21	—	—	·11	·18	·01	·15	—	—	·22	·25	—	28
29	·16	X	·05	·02	·04	—	—	—	—	·40	·12	—	29
30	—	X	—	·02	·18	·99	—	·18	—	—	·04	—	30
31	·21	X	·02	X	·04	X	—	—	X	—	X	—	31
TOTAL	3·42	2·86	1·11	1·77	2·35	5·28	4·08	2·59	3·35	4·96	5·46	·72	YEAR'S TOTAL 37·95
Days with ·01 in. or more.	21	18	8	14	21	17	11	12	12	16	25	7	182 ~~37·95~~
Days with ·04 in. or more	18	17	7	11	17	15	11	12	11	15	18	6	158

✓ ✓ W. I.V.Y.
✓

3301

Section **A** **for the entry of Daily Observations.**

FOR OFFICIAL USE.

Form 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1927.

Kept at Wooperton
in the County of Northumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" Ground " Sea Level ft.

390

Sept 21st Corrected by Observer f. 813742/27.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·03	·02	·06	—	·32	·06	—	—	·22	·27	—	1
2	·07	·03	·39	·47	·13	—	—	—	—	·12	·20	—	2
3	—	—	·04	—	·05	—	·10	—	—	—	·06	—	3
4	—	—	·11	·28	·75	·10	·14	—	—	—	—	—	4
5	·08	·07	·45	—	—	·56	·60	—	—	—	—	—	5
6	—	—	·01	—	—	·05	—	·31	·08	—	·20	—	6
7	·03	·10	·13	·22	—	—	·65	·04	—	—	·54	·04	7
8	·19	—	·16	—	—	·17	—	1·65	·07	·03	—	·02	8
9	—	—	·10	·21	—	—	—	·08	·10	—	·30	·01	9
10	—	—	·19	·07	·02	·02	—	—	·03	—	·15	·04	10
11	—	—	·12	·03	—	·05	·03	·07	·07	—	·20	·07	11
12	·20	—	·08	—	·04	·02	—	—	—	·02	—	·02	12
13	·20	—	·01	—	·24	—	—	—	·03	·27	·26	·02	13
14	·02	—	—	·16	·08	—	—	·50	·09	·15	·05	·55	14
15	—	—	—	·06	—	—	—	·25	—	—	·04	·06	15
16	—	—	—	—	·08	·09	·01	·05	·02	·07	·07	—	16
17	—	—	—	—	—	·15	—	·05	—	—	—	—	17
18	·06	—	—	—	—	·04	—	—	—	—	—	—	18
19	—	·02	—	—	—	—	—	·18	—	—	·37	—	19
20	·10	—	—	—	—	·06	·04	—	1·10	—	·25	—	20
21	—	·05	—	—	·29	·08	1·16	·18	(1·55)	·47	·25	1·21	21
22	—	·12	·25	—	—	·28	·06	·30	1·02	·19	—	·83	22
23	·10	—	·17	·08	·07	·42	·06	·30	·01	—	·28	·24	23
24	·07	—	·25	·08	·05	·04	—	—	·09	·05	—	—	24
25	·01	·12	·12	·35	—	·72	—	·28	—	·09	—	·22	25
26	·24	·06	—	·03	—	·07	·47	—	·48	·48	—	·19	26
27	·51	—	·05	—	—	·05	·14	—	—	·17	—	—	27
28	·19	·27	—	·02	—	—	—	·30	·09	·20	·03	—	28
29	·26	✕	·23	—	—	·01	—	—	·11	—	—	—	29
30	·05	✕	—	—	—	·12	·04	—	—	—	—	·02	30
31	—	✕	·07	✕	·22	✕	—	·07	✕	—	✕	—	36·46 31
													YEAR'S TOTAL
Total	2·38	·87	2·95	2·12	2·02	3·42	3·56	4·61	~~3~~ 4·94	2·53	3·52	3·54	~~35·46~~
Days with ·01 in. or more.	17	10	20	14	12	21	14	16	16	14	17	15	186
Days with ·04 in. or more.	14 ~~12~~ 14	7	17	11	11	18	12	16	12	12	16	10	156 ~~155~~

40-12-1-27
144w)

(Signed) J. Blackburn for Mrs Burdon [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE. 3384

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1928.

Kept at Wooperton

in the County of Northumberland

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following. ·17

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·76	·02	·23	·03	—	—	·14	—	·14	—	·26	—	1
2	—	·22	·20	·02	—	—	—	—	·02	—	·72	—	2
3	—	·01	·01	·13	·09	—	—	—	—	—	·36	—	3
4	·10	·12	·33	·02	—	—	·17	—	—	—	—	—	4
5	·27	·06	·35	·02	—	—	—	—	·24	·09	·15	—	5
6	·17	—	·06	—	—	·05	·06	·07	—	—	—	·08	6
7	·08	—	—	—	—	·16	—	·05	—	·18	—	—	7
8	·01	·05	·06	—	—	·27	—	·24	·05	—	·02	—	8
9	·10	—	·13	—	—	·66	—	—	·06	·22	—	—	9
10	·34	·40	—	·16	—	—	—	·03	·15	·02	·04	—	10
11	·07	·23	·31	·08	—	·12	—	·65	—	·55	·15	·30	11
12	·02	—	·33	·07	—	—	—	·15	—	·02	·01	·06	12
13	·08	·24	·23	·11	·20	1·67	—	·12	—	·02	·04	·02	13
14	·13	—	—	—	·30	·25	—	·02	·02	·07	·27	—	14
15	·11	·12	·14	·06	·03	·25	—	·21	—	·03	·03	—	15
16	·08	·21	·02	·10	—	·02	—	—	·02	·11	·35	·42	16
17	·06	—	—	·03	·12	·15	—	—	·10	—	—	—	17
18	·40	—	·23	·03	·18	·12	—	—	—	·27	·04	·08	18
19	·06	—	·12	·02	·41	·60	—	·32	—	·22	·02	—	19
20	·07	—	·03	·23	—	—	—	1·40	—	·21	·41	—	20
21	·05	—	—	·03	—	·04	—	·34	·03	·10	·10	—	21
22	—	—	·04	—	—	—	—	·01	·03	—	—	·02	22
23	·19	—	·07	—	·02	—	—	·15	·03	·05	·85	—	23
24	·02	—	·11	—	—	—	—	—	·30	·47	—	—	24
25	·28	—	—	—	—	·47	—	·02	·20	—	·04	·38	25
26	·04	—	—	—	·21	·52	·50	·55	—	·30	—	—	26
27	·02	—	·09	—	·02	—	·18	—	—	—	—	—	27
28	·18	—	—	—	—	·17	·23	·04	·08	—	—	·22	28
29	·50	—	·72	—	—	—	·30	·22	—	·15	—	—	29
30	·02	×	—	·10	·02	·06	·02	—	—	·05	—	·51	30
31	·55	×	·13	×	—	×	—	—	×	·41	×	—	31
													YEAR'S TOTAL
TOTAL	4·72	1·68	3·94	1·24	1·60	5·58	1·60	4·59	1·47	3·54	3·86	2·09	35·91
Days with ·01 in. or more.	28	11	22	17	11	17	8	18	15	20	18	10	195
Days with ·04 in. or more.	23	9	19	9	7	16	7	14	9	16	14	8	151

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) J. Blackburn [P.T.O.

3467

Section **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1929.

Kept at Wooperton

in the County of Northumberland

Diameter of Funnel of Gauge 6 ins

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·17	·16	—	·12	—	·10	·70	·85	—	·20	·04	·10	1
2	·04	·20	—	·04	—	·02	—	·15	—	·12	—	·21	2
3	—	—	—	—	·16	·09	·04	—	·05	·02	—	·13	3
4	·06	—	—	·23	·16	—	1·51	1·15	·03	·05	·10	·10	4
5	·05	—	—	—	—	·07	·36	—	·04	·27	—	·11	5
6	·10	—	—	—	·43	·56	·04	·92	—	·55	—	·48	6
7	·02	—	—	—	·02	—	—	·05	—	·50	·08	·02	7
8	—	·04	—	·03	·09	·19	·02	·02	—	·25	·12	·55	8
9	·15	—	—	—	—	·02	—	·02	—	—	·64	·01	9
10	·24	·11	—	—	—	—	—	—	—	—	—	·10	10
11	—	—	—	—	·05	—	—	·33	—	—	·31	·43	11
12	·04	—	—	—	·08	·38	—	—	—	—	—	·03	12
13	·08	—	—	—	·05	—	—	·33	—	—	—	·03	13
14	·05	—	—	—	·02	—	—	—	—	—	—	—	14
15	·03	—	—	—	—	·06	—	—	—	—	—	—	15
16	·18	—	—	—	—	—	—	·16	—	·07	—	—	16
17	·21	—	—	·03	—	—	—	·20	—	—	·47	—	17
18	—	—	—	—	—	—	—	—	—	—	·65	·11	18
19	—	—	—	·13	—	—	—	—	—	—	·28	—	19
20	—	—	—	—	—	—	—	—	—	·10	·08	—	20
21	—	·30	·03	—	—	·04	·19	·14	·08	—	—	—	21
22	—	·20	—	·09	—	—	·32	—	—	—	—	·14	22
23	·10	·23	—	·05	—	·14	—	·05	—	·29	·10	·70	23
24	·09	·24	—	—	·12	—	—	—	—	—	·02	·60	24
25	·03	·24	—	—	—	—	—	—	—	—	·26	·34	25
26	—	·10	—	·16	—	—	—	—	—	—	—	·08	26
27	·20	·10	—	·48	—	—	—	—	—	·04	·07	·02	27
28	·20	—	—	·25	—	—	—	·20	—	·22	·11	·70	28
29	·20	×	—	—	—	—	·10	·17	·32	·13	·10	·04	29
30	·02	×	—	—	—	—	·09	—	—	·21	·40	—	30
31	·04	×	—	×	—	×	·20	·07	×	·10	×	·12	31
TOTAL	2·30 ✓	1·92 ✓	·03 ✓	1·61 ✓	1·18 ✓	1·67 ✓	3·57 ✓	4·81 ✓	·52 ✓	3·12 ✓	3·83 ✓	5·15 ✓	YEAR'S TOTAL ~~29·81~~ 29·71
Days with ·01 in. or more.	22 ✓	11 ✓	1 ✓	11 ✓	10 ✓	11 ✓	11 ✓	16 ✓	5 ✓	16 ✓	17 ✓	23 ✓	154 ✓
Days with ·04 in. or more.	18 ✓	11 ✓	0 ✓	9 ✓	8 ✓	9 ✓	10 ✓	14 ✓	4 ✓	15 ✓	16 ✓	18 ✓	132 ✓

40-9999

(Signed) J Blackburn. (Observer) [P.T.O.

W - - I.O.Y.
CK.
3537

Section **A** for the entry of Daily Observations.
FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1930.

Kept at Wooperton
in the County of Northumberland
Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft ditto in.
,, Ground ,, Sea Level .... ft.

for Mrs Burdon
Wooperton
400
days

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following
0

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.15	.68		.55		.03	.08	.65		.07	.42		1
2	.03	.30		.02				.29			100		2
3	.08 3	.12		.02			.04	.08		.08	.30		3
4	.07	.19		.07			.18	.36	.04		.02		4
5	.03	.44	.12	.19				.09		.22			5
6		.05	.15	.01				.41		.10	.03	.18	6
7	.07	.07		.05	.32			.40	.16	.19	.09	.33	7
8	.27			.17	.20			.12	.30	.58		.04	8
9	.03	.03	.12		.35	.07		.04	.16				9
10	.22						.20		.13	.02		.03	10
11	.10				.03				.23			.50	11
12	.21				.03			.45	.07	.07		.21	12
13	.21		.06	.12	.14		.28		.49	.04			13
14	.25	.08					.43		.04	.39		.35	14
15			.12							.06	.08		15
16	.03		1.20	.02	.02	~~[illegible]~~	.32		.04	.06		.06	16
17	.07		.11	.11	.11	.15	.83	.04	.75	.03			17
18	.03		.42	.08	.08		.03	.02	.04	.13	.28		18
19	.04				~~[illegible]~~	.06	.12	.21	.39		.05		19
20			.11			.02	.38	.55	.24		.38		20
21							.32	.17	.05	.03	.34		21
22	.08	.08				.41	1.68	.05		.07	.42		22
23				.17	.17	.07	.41						23
24		.09				.05	.03			.02	.36	.10	24
25		.06				.04		.02	.05		.15	.30	25
26	~~x~~ .28	.07						.04	.20			.50	26
27	.20	.02				.06			.16			.35	27
28							.04	.35				.45	28
29			.17			.06	.69	.69	.03	.06	.06	.04	29
30		×	.03			.13	.02	.02	.18			.27	30
31	.46	×		×		×			×	0.6	×	.04	36·92 31
TOTAL	2.86	2.2~~6~~8	2.4~~7~~1	~~[illegible]~~ 1.58	1.45	1.1~~2~~5	~~[illegible]~~ 6.08	5.05	3.75	2.28	3.98	3.75	YEAR'S TOTAL ~~29.70~~
*Days with ·01 in. or more.	21	14	11	13	10	12	18 19	21	20	19	15	16	190
*Days with ·04 in. or more.	15	12	10	9	7	10	15	18	19	15	13	15	158

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) James Blackhall

[P.T.O.